Bickerell notebook
1910-1915
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BOTANICAL

Blue pencil dates June 3 to 18 1911

No field observations after the 17th

On Tuckernuck for over 5 hours on June 17. the plants seen there marked with a T.

Red pencil dates 1912, June 27 – July 14

On Nantucket Sept. 25, 1 PM. to Sept. 28, 6:45 am

New plant

Chenopodium ~~anthelminticum~~ ambrosioides ?

Farm yard Madaquet & chicken yard at Madaquet Lese Savery Station, in abundance.

Pinus Banksiana, Std throughout, a close group of trees & a scattering of two neighbors & smaller trees near by, the largest tree near here 10-12 ft high, & 14 inches around 2 ft. 1 ft above base among the planted Pines nearby noted Pinus Nigra and P. Sylvestris Picea alba & P. pungens & an introduced poplar

Nantucket. June 15/27. 1910.

12 1 Osmunda cinnamomea By pool on Golf links, sparse

17½

very immature 1912 Sept. a cluster of 5 good sized plants sparse but immature, in sphagnum at edge of E. Brownbenemo thicket bog. Equisetum in shade of dense thicket growing out of drywith moss with Botrychium virginicum & B. simplex. Abundant in Madequett. C

Botrychium obliquum

8 do virginicum, thicket in Equisetum, 1 frond (sterile)

8 do tenebrosum with the above 3 plants.

15 6 27 Osmunda spectabilis, Below the cliff. Wamolet (one tuft) T

1911 Wauwinet. 1912 Some abundant growths in Wauwinet quite general

15 7 27 do cinnamomea 1911. June 3 many fresh fertile fronds some quite immature June 15. In Cheopens swamp fertile fronds. Many of them, still immature & many sterile ones not yet uncoiled. T c

5 28 19 do Claytoniana June 5/12 The two tufts east of the Creeks found growing still undisturbed where I found them first in 1908. They were in more perfect condition than I had yet seen them and each tuft bore sterile fronds with fertile pinnules (1–4). (one tuft) T

A single tuft on Tuckernuck.

1912 Seen at all stations July 4 good growth in a thicket in Equisetum near Tuckernuck Woods Landing.

15 11 27
Pteridium aquilinum. Tc

10 25
24 do laticiculum. 1912 Very typical in Squam & border of Tom Neck.

8 1
15
Lonicera arcolata. Near Albert House, 1911. June 8. C. in thicket east of Hawthorne farm. Chippewa Swamp, 1912 Nawmont, Rocks Swamp & many places. C. in Beechwood

3 2
2 Aruchistea virginica, 1911. Tc
One of the commonest ferns of the island. June 15/11. Many fronds still closely coiled.

8 29
20 Asplenium filix-fœmina 1911. Rattlesnake Rock Squam.
1912. Thicket east of Hawthorne farm 1 3/4 mile. C. in Squam.

29 Phegopteris polypodioides. Masses in dense thicket on steep inside pitching to a small pool N. of Nawmont 1912 abt. 1/3 of distance to observation point.

10
20 H
Dryopteris noveboracensis 1911. C. in Squam
Brushwood.

15 3 27
do. Thelypteris To

10 H
25 do. Simulata 1911 Squam. 1912 Very abundant in
Brushwood

4 27
18 do. Cristata. 1911. Abundant in open Sphagnum
Swamp. 1912 Open Sphagnum Pout Pond the
southernmost

8 3.
25 do. Spinulosa 1911. C. in thicket E. of Hawthorne.
1912 abundant in Brushwood.

5 Polypodium vulgare July 5. Rexcomet Pines
in alphabetical note book

25 11 Dryopteris intermedia 1912 C in Beechwood

8 11
25 do Boottii 1911 Thicket east of Hawthornes. 1912
C in Beechwood

10 3 Dennstaedtia punctilobula 1911 Thicket in
Squam. Roadside near Polpis. Tolsenbeck 1912
C in Feets swamp.

3 27
15 Onoclea sensibilis 1911 very C Tc
1912 abundant.

3 27
15 Equisetum arvense 1911 very C near the town
1912 Generally Common

10

Equisetum fluviatile 1911 abundant in Avoteau
Coffins Gait Lake. 1912 July 10 Sam Pond, some about
4 ft high

1

Eriocaulon decangulare, 1912 & Brownlowia both
Tommy Loops.

2

do do do - 1912 July 2 Tom Pond, Gin
Town Lakes - Sam pond is swamp - In Tom Pond -
much submerged for several miles by the rapids -

30

22 do do 1912 a mile or so south of Farlow
Landing well to Nicholas mountain, Not seen elsewhere

11

18 do Eriocaulon 1911, June, and 1912 July
Hunter E. of Chemino Farm. Onotalon in Queen -
1912 Pond in Middle Pond - Gulf Lake

18. Lycopodium trivestachyum. Recipient and bearing
[illegible] Arctic [illegible]
1912 only in Penobscot area north of Dover Portland on great
Moosehead at one place & very prolific from Pedunculus
bearing 7 spikes.

Abies balsamea Brandii

Pinus Strobus - One tree left Pleasant

27

Pinus rigida 18 ô collins Hill abundant by
many trees but dried and dark rusty brown.
1911 Fungi abundantly in some places the fallen pleasing of
on short mossy stands from the branches one dominant
Fungi & four scattered small trees on [illegible]
Tuckerman, Lenox, not over 8 ft. 1912 a few single
trees near Penobscot. One tree perhaps left near
Indian Pond Hill

16 do Sylvestris, 1911 The tallest trees are about
over 80 ft high & some perhaps 85 ft. June 11, Many fine young trees
Col Rino

5

26 Larix decidua. 1911 The tallest trees are evidently
95 ft high.

3 ?
15 *Juniperus virginiana*, A few small trees about [illegible] a few [illegible] are [illegible] Loaded with blue fruit on Oct 1 city. 1912 July 13 th. Contrast the contrast between the white of leaves and the [illegible] green leaves and stalks, both forms with blue fruit, the glaucous being the most beautiful.

?
1 2 *Yucca latifolia*, 1911 Arbutus Point T
1912 July 10 th Castle

3 ?
15 do. *angustifolia* 1912 July 1 th very similar plant to previous [illegible] from W. N of the town. Same were planted for ornament. Also a third broader leaved form [illegible] Point not in the neighborhood of or near Vally or Tr

23 *Platycrinum cuspidatum*

N. (Fruit leaves only)
17 do *andreoladum*. 1911 Oct 8th leaves only
(Oct 8th + 9th type fruit in [illegible] bowl).
1912 July 6th + 8th Castle [illegible]

?
1 do. *angustissimum* June 4/11 No flowers yet
1912 July 8, withdrawn of fruit type, Typical form mature [illegible]
no mature numbers

June 17 1910
emerged

Polamogeton Oakesianus - Many flowering
Pond Nanatiquash Pd. 1912 June 9th Shannon Pond.
1912 Wiquamkonda.

1910
18 do. Potamogeton 18th Emerged flowering Pond
1911 June 5. In full flower & with maturing achenes
while yet most of the leaves were shrunk and dark
brown few being yet distinctly green: Pond in
grave near the shore June 9th Pd. 1912. C
1912 June 22nd Rice Pond. & Shawanikonne Bog, low very large
20 do. Nettallii 1912 Abundant in little meadow bor.
Birchwood

do. Perfoliatus - 1912 Wilson Long Pond C

do. Richardsonii

22 Polomagotan pinellen 1911 = 1912 ...

do diverifolium

4 b do Lectinalis 1911. Junij. capsum fond. ...
... 6 b ... 1912 ...

25 b Ruppia maritima 1911 Coal Valley, ... 1912 ...

1 Zannichellia palustris 1912 ...

Maias quadalupensis

Zostera marina

Trichocheir maritimum 1911. June 3. in bud
flower & with ripe
dehiscent fruit below the cliff, abundant in thickstimmo mud
1912 July 10. then full flower & fr.

Alsine subcordata June 3/11 Leaves only
June 9. Young pod & ripe fr. on June 9. & for plants only.
1912 bordered & called Arenaria alt. Hanks & W. original Holmes
by K.R.

Sagittaria Engelmanniana 1912 July 10. just
in flower in pool B. & Cayuga Pond.

do latifolia.

Valisneria spiralis

H 25
15 Schizachyrium scoparium T.

H
24 do. villosissimum 1912 Lab. H. Bowman
Lawn only, but immortalized

do littoralis

---

3 27
15 Andropogon abbreviatus 1911 Lawn & Lab.
Lawn Plots last cut 1912 generally &.

27
18 do. virginicus 1911 Lawn & Lab. Lawn Plots last cut

H
25 do. furcatus 1911 Lawn & Lab. Lawn only, on West end.

Corydalium avenaceum
rhizoma of old culms

Parpalum boreum of Holm 1912 July 1,
Heads a few inches long.

do setaceum Lyp 25,15 C. along old roadway
N y Island Hess farm

do muhlenbergii

Lymtheridium filiforme

do hirsutissimum 1912 Sandusky

15 do serpentinum

Echinocalla Campylli

do. Imitica

do. Walteri

Parreum capillare

do. miliaceum

do. proliferum

18 do. verratum (pl. Linné, but genus
and species not female flowers

Panicum agrostoides

15 do. depauperatum 15th + 1911 June 3 pond
pucc. hyperm. 10 Nov. 1912 July 1 + Emerg. Acc.

19 do. linearifolium

do. Curtisii 1912 July 1 one plant on granite
hill. de V. of Hamlet

do Bicknellii

do albomaculosum ?

= Panicum dichotomiflorum

Panicum dichotomum

23 19 do. Columbianum 1912 June 29 +

14 27
15 do. meridionale 1912 June 27 + T

3 28 do. [illegible] 15th-panicles half-matur 1912 June
28 +

15 27 do. microphyllum 17. × panicles well started T
1912 June 27 + but much bunchy parts enclosed panicles.
Only 4 plants out now the three near Square Pd, Beaumont
Cobb's Pond

12 2 just shoot. T
17 Panicum Tennesseense 17. ripe & fruiting

14 " do. Atlanticum, " Common 6 ft or
Tuscaloosa June 14 ripe just shed. 1912 Wells and
Shumins June 29, head spikes shed. Sandy Pasture
one plant, shed being the only plants found. Seems
to be uncommon.

15 " do. Scabriusculum 15th panicle generally open
17.1 x 1 to 2 18 + panicles. 1911 June 5. spikelets
just opening; 15, panicles well expanded
1912 June 27 + very c generally.

11 " 7
16 do. Ashei var. 18 panicles fully shed.
1912 June 27 + All parts of culm & abundant.

" "
18 do. clandestinum 1912 June 27 just opening
Mrs. Sennett, Bucks Harbor

10 2
24 Paricium mattamuskeetense 1912 C. shot
from dense of Gibbs Pond. July 2, quite common also plentiful
pond bank.

9 Chetochloa glauca 1912 July 9 one specimen
pine in chicken yard. very rare, the only one seen this
trip

24 do. verticillata 1912 Rarely recognized from
the purple culm.

3 do. viridis 1912 July 9 one patch about
dozen in chicken yard Swamp, the only one seen.
July 12 one dozen by street side.

do. Italica

Corchorus tridentoides

Liparia aquatica

10 Homalocenchrus oryzoides 1912, Lemon

15 Anthoxanthum odoratum 15th 1911. Lemon 3 & C. some old leaves with fresh another 1912 Lemon 27 Heady with spikes already down, some fresh. all over the island.

19 Danthonia odorata

Aristida dichotoma

do gracilis

do pumpernascens

x as place in Scotland x

14 Stipa comata 2nd Record. [illegible]

Moosomin Pond 1911 June 15 x Quance, C. alwaysii Pond; Govt Q Rolls. C. comosum 1912 Cantley, Kbd; Pond Pond. Possibly.

11

18 Muhlenbergia racemosa 1911, Jan only, 1912 so

15 Phleum pratense 15th Kirk, just appearing, a few fully exsert 1911 June 15 Everywhere just appearing, not noticed before Friday June 27/12 +.

15 Alopecurus pratensis 15th + 1911 June + C. 1912 June 27 + abundant

1911

28 a small pond on Lot Kennedy +

27 do geniculatus. Pond on Lot Sinclair, some yellow with purple spots 2 mm long 1911 June 3 + C. some orange at R.R. crossing June 6 some with no exserted anthers yet. 1912 June 28 +

Sporobolus cryptandrus

25 Agrostis alba Panicles emerged bud stage June 3, 1911. June 3, panicle tips just appearing 1912 June 27. panicles of June alba mostly not yet expanded vulgaris +

26 do. canadensis 1912 June 26 +

15 do. maritima 1911. June 3, no tips if any June 16 × 1912 June 24 × + July 9 generally + abundant

30 do. hyemalis 1911 June [illegible] & C.

1912 no signs of growing 1912 July 1, millions just coming on ground plants July 6. generally just coming into flower about Gibbs Pond, no fully expanded panicles yet.

16 do. Gattendens 16 + 1911 June 3, panicles well [illegible] 1912 June 24 mostly of them

Agrostis alata.

15 Holcus lanatus 15th + bot imp from the first
Sept day 1911 June 8. panicle 1 per plant, in two places
June 10 not only noticeable until today 1912 June 27 + Vs any
old dish & Contractor panicles. delicate the island

15 Aira caryophyllea 15th × beginning to form when
2-3 cm. high, latter 1/2 gm. clothing the ground like a moss -
Golf Links. 1911 June 3. first spikelets just seen, June 14,
1912 June 27 + Sunside,

19 Deschampsia flexuosa 1911 June 5, panicle
tips exerted 1912 June 28 + all over the island Coates
July 13. Panicle all dried up.

15 Danthonia spicata 15th +. A very abundant grass
either on the driest soil or in boggy places in the
moorlands 1911. June 5 spikelets just seen
1912 June 27 +. Very C everywhere

10 11 do. Compressa 1911. June 10. first spikelets
shed. 1912 July 4. in fruit flowers at ends and bends in
Igneam only section in Cow Square also.

15 Spartina cynosuroides June 27/12 first
Caikes Island July 6. a few panicles nearly done, Gilbert Point
July 13 generally flowering panicle.

do. gracilis 1911 June 3 last season only

do. patens 1911 June 3 last season culms shed
seed some now with flowering culms 1912 Coatue July 13
just in flower.

15 do. glabra pilosa T.

do. alterniflora

Phalaris canariensis

4 2½
15 Phragmites Phragmites 1911 June 4 to 9 inclusive
culms. forest

4 2½
15 Indeus flava Linn., common July 2½
common only.

Triplasis purpurea .

Diplachne mollina.

Eragrostis Purshii

12 do. major. July 12½ Not in fruit then.

16 Expenses Reclamacea 1912 June 29,
Leaves only.

do Spectables

Dietichlis Spirits 1912 Leaves only

15 Pastyles Flemerale 15¢ + Abundant, yards Pastyles
1911 June 3. + 1912 June 27 +

15 Pea Onions 15¢ + Abundant, yards Pastyles do.
1911 June 3 + 1912 June 27 +

15 do Pratenesis 15¢ + C. 1911 June 3. + 1912, June

15 do Tyrell Lis 15¢ + Europa yards Pastyles
1911 June 3 June 27 Pastyles
1912 June 27 oldest, Pastyles

15 Pa conferta 15q x. 1911 June 3. panicle 1/2 about. 1912 June 27 +

do Carolina

17 Paniculata comadenses June 14, panicle just about. 1912 June 27 Panicles well started but flowers not full size July 6 + abundant generally.

do glaucata

do Americana Panicle 1/2 panicles about the Coast. 1911. June 5. leaves only 9th panicle 1/2 about 14th panicles well developed.
1912 June 27. panicles generally conspicuous yet immature.

do. patula. Pond on Golf links, near Bay

Coffins. 1911. June 14 panicles half started, very few in pods. 1912 June 27 much of it dried or cut but also much fresh. very abundant. July 10 still +

2c Ranunculus subtruncatus 1911 June 10,
first Hicksville show - considerably later than R. acutiflorus.
Coffin, Trowbr. Swamp. 1912 June 29 & July 2 +

2d acutiflorus 17 & Pool e Goldmine
1911 June 4. Hicksville but collected some Station. Also near
Benj. Coffin farm C. North of the town in many pools &
ditches Kelsenville 1912 June 28, many Hicksville pools
but many fresh.

3 12 Ranunculus fascicularis 17. Rockville road
1911 June 3. pennick just showing. 5. pennicks pretty
abroad, Cove born by the railroad. 1912 Not abundant
Hodgkins road Pennick July 9. Hodgkins

3 27 do. distans 17 Rockville road, some fresh.
1911. June 3. & June 5 Still many pennicks.
1912 June 29 & a few high near the wharves -

12 15 Ranunculus divaricatus 15th x along road to Cove Neck -
Cove Neck from Neck of Sunnyside. Abund. all along
roadsides. 1911 June 14. pennicks begun to show
1912 June 22, Still immature

2+

1
16 a/ Justicia capillata 1912 Jun 27 gemmed
dried

3
15 2½ do ovina 15th + 1911 Jun 3 + 1912 Jun 27 7
dried or dried.

3
15 2+ do decumbens 15th + 1911 Jun 3 + 7
1912 Jun 27 dried

3
15 2+ do nuda 15th + 1911 Jun 3 + 1912 Jun 27 + 7
panicles beginning to show.

5
15 2+ do octoflora 15th + Below the ⅓ 1912 Jun 28 +

15 Vallecia Estates 15d 1911 June 6 families
tops just shown -
very nice. Aquam 1912 June 27 + abundant

Eaton 1911 June 3. a large camp on
Eaton Ranch, 80 families fully stocked.

15 Fresno Colonies 15th Road found but dry
road back of the cliff. Crowded on the road down,
tents not being used. 1911 June 3. + June 10 + Guadal
rich old fields. 1912 June 27. all dried.

15 do Steele 1911. June 4. A large camp on the Fres
1912 June 28, 4 families dark people

30. do Averdale ?

15 do Communal Colonies 15th + Some cooked in on
Kings river in cliff - Streets of the Town
1911 June 3, families just beginning & Town some lonely
1912 July 14, families driven Crops late ready all gathe

15 Bromus tectorum + abundant 15th
1911 June 3 + abundant, fields + roadsides
1912 June 27 nearly dried, only very small plants found
July 14 still some fresh panicles

17 do Secalinum 17th Rumex Prairie gone, some
seeds fully ripened 1912 Juniper

15 Lolium temulentum + 1911 June 3 some with
seeds fully ripened + seeds out. Medquet
1912 June 27 +

do Malvaceae

15 Asclepias incarnata + 15th Aster puniceus
1911 June 3 Pods ripe when 1912 June 27 +

15 Eriophorum latifolium. Hoppe Fuel Sedge
Eriophorum alpinum Sw.

17 Eriophorum Callitrix Cham. & Trin.
Cotton Sedge

18 Nardurus maritimus, Murr. in Nyc
Fragm. Fedtsch. 1912 June 27 th. In a number of fields
both owned & rented farms.

" do pratensis

Alopecurus bulbosus

3 15 7½ Calamagrostis canadensis Pancic just appearing 1912 June 27, scarcely yet in full flower

15-t

do cinnoides

3 15 7½ Gymnadenia arenaria T

20 Sphenopholis palustris 20t just [illegible] in Wall Lawn 1912 July 6 panicle all [illegible]

Copies de ordres

de circulaires

de factures

de [illegible] 1912 June 28 x day and 4 p.
of the town

de [illegible] 1912 July 5, [illegible]

de [illegible]

Cyperus Rotundus

do. compositus

3 do. microcladus Kunth Enum. Pl. T
1912 June 30, Spikes small 1/2mm. July 10. 4
feet high

do. Grayi Kunth Enum. Pl. T
1912 July 13 Coarse, Spikes, 1 1/2 feet high

17 Dichelachne crinita Hook. f. 1911 Kew
in Polpu Ponds 1912. Bay C.

Eleocharis atropurpurea

T

17 Elocharis palustris 17+ in two beds on Golf links 1911 June 11+ C. in Rhodesmoor meadow. In fruit flower almost over June 15 nothing seen of it. Cricotata 1912 June 27+ very C.

15 do glaucescens, 1911 June 7+ Copsewood Pond 1912 Rhicomid Pond. July 9 almost all T in fruit from Mad: quarham Rd.

do acicularis

25 do tricostata. July 7/12 almost Pond, a good deal of it in fruit flower the capsules very minute but showing their character under a lens.

15 do tenuis 1911 June 3+ 1912 June 27+

do kochiana. 1912 Rhicomid Pond.

12 28 Scirpus maritimus 1911 June 12, leaves only. 1912, June 28, dense masses of leaves, July 9, in full flower. No deposition in pond.

15 27 do Americanus Stalks just appearing

7 1 17 do validus, Head of Swamp.

Scirpus [illegible] 1911 June 7 Swamp pond No. still yet June 8. Short stems in water dilated, panicles just appearing. 1912 July 2 Swamp pond full. Meadow pond - Scirpus here ponds - Co atrus. on shore Stalks

H do occidentalis

1 do fluviatilis 1912 very small in Swamp pond

H 1 19 do Not reached 1912 July 7. A few dead plants standing up where the ground had been burned by fire this spring

10 H do Torreyi June 28 Swamp Pond Stalks just appearing. Abundant in moist ground about Swamp pond

12 July 4 Swamp Pond

11 21

19 Scirpus rubrotinctus 1911 June 11. damp grassy bot bank of the "Pumpfield" – another dried. 1912 June 28 well fruited.

3 21

15 do. cyperinus 1912 July 10, in flower and just beginning to ripen in small pond bank

do. fluviatilis 200

12 Eriophorum viride-coloratum

27

10 do. tenuifolium 1911 Fruiting heads of the year 1912 June 9 of Pond 6 of Trimmer farm. 1912 Pond 9 Swamp +; Pond W. of Allan Peach Hill, Newtown – one pool W. of [illegible]

do. gracile

20 Ecclesiastes virginicum 1911 June 7. Last
years culm & dates if unfavorable 1912 July 1 keep small
green Hybrids. July 6. do.

11 Ryncholepora glomerata 1912 July 11 x

do. alba.

do. serrulata

15 10

Cladonia macilenta 1911 June 15 Cups
Polypodium unfavorable cups beginning to appear. Do
keep small culms. 1912 July 10. Hybrids small not yet in
flower

Solenia trifoliata.

3

20. Cale d'interruescens 1912 only 3 on Stolet Proto swamp.

8 20

20 do lecheuleana 1912 June 28 + but many Rolled immature very partly counted.

11

do. pedunculata

11 do lecheuleana, Lotzi Lapida.

14

17 do. intricculata Old Nation 1911 June 14 + but no mature pollen.

3

do. ovicula 1912 July 3 eldest only at the Old Nation west of Proto swamp.

9·11
15 Carex bullata: Lough, + Grasse

17 21 do lucida Thomas, Spikes in early mature Redford. Little Island 1911 June 7 Grasses Point Spikes very immature, 15th Stamen, Spikes fertile 1912 June 27 + Bregnum, generally.

17 22 do Comosa Head of Dunmore, Pine Cut [illegible] 1912 June 27 + Redford, in great abundance along pool in Shanklin. C.

17 2 do vesicaria Lough Gurane. Spikes + [illegible] number 7 plus

17 14 do Tuckermana Oldstown, only a very little fruiting 1912 Not found at Oldstown, Lough Crowded out by advancing Shanklin.

16 27
Carex Lonchocarpa 1911 Pond Island 1912 do.

11
do. hirta 1911 Jewell, A considerable Grower in perfect
condition of spikes at one place in grassy damp bit bank
of the "Longfield"

18 do. stricta, W. side East Pond in mat
scattered but one decided tuft was found.
Two large tufts with but few spikes at
opposite ends of the bridge on the
Long Pond Road

15 27 do. Leptocarpa 1911 June 3 + 16 fruiting spikes
1912 June 27 + 16 do.

do. Pennsylvanica 1912 Rare in swamp E of Pt., also N of the River.

do. [illegible] 1911 June 9 + Quite common in the
Pond, but Rare at edge of
pool. 1912 Squam Pond. One vigorous group, three
spikes in sight

1 2
16 Carol overcoat 1911 Genuine T
1912 Controllatable form on square Buttoned

6 3
17 do. Tennis 1911 June 8 Packet out of shape.
June 1912 Near Tennis C. Champs.

3 11
18 do. Patterns Capitol, Auckland
1911 June 3 One plant [illegible]
Queen 1912 July 11, one plant in Kendrick Park Polytech
School.

do cancelled

4 2
17 do. Pennsylvania 1911 June 14, Hides in T
perfect condition 1912 June 27, Leaves only. July 5 days
Hides Remaining

3

20 Quad Immerciii June 12/11 Cos Koty, Kiel
Kiel Gulf

24 do umbellata

11 26 do Tonsa 1912 June 8 Immerty

6 1 do leptalea, little dark sp.
Chamaecrista fasc. 1911 June 8 + a good deal
along rail in Kansas Kansas [illegible] Cimarron Plains
Lakeside Pond -

17 27 do stipalea C. all stem lot
1911 June 11 x C Hyattsville marsh C in low marsh
Ditches & of the town 1912 June 27 +

14
15 29 do mcfarlandea C. in swamp near
1912 June 27 + gate C.

Caret d. sandwich 1912 July 1, Brownstown
Rushes - Pickerels pasture on Sutton

Caret connectens

15 do. mucicata. Near Kenj. Coffins farm. A
wide lake in a field [illegible] East Bend [illegible]
visit it 1911 June 3 x 7 ft. about same as Newtown
Coffins monument. also between them & Water Works.
1912. East of Poor House

do Cephalophora 1912 July 1 one plant +
at original station by E. Brownstown Pond

8 +
18 do Bullerkingii 1912 June 29 + frequent in
Hawkamo. 1912 W. of Dankaty.

3
15 do cephalantha 1912 June 27 + but mostly over
1912 July 11 that some fruit, but mostly staminate
plants.

2
do. inconterta 1912 June 28 + Very wet bog
Place root side of the Creeks near Brownsville, the
long slender leaves not obviously keeled triquetrous
a kind of Caret filiformis

17 Caud Nonc in 1912 Jun 27 +

8 d c Coort a, 1912. Tquam, et Natum Cor Redemptoris simplex. Lily 6, post Pent.

5 27 17 do divincta,

17 28 do Sub tutela a 1912 Jun 28 +

15 29 do Vesperarea 1912 Jun 29 +

1 do Stephani a 1912 Only M. of Vest. Imp.

Canal Irrigation Co.

15 do Silicon 15th " 1911 June 3 x 1912 June 27 +

15 do Formaldehyde 15th July nature 1911 June 3 x 7
1912 June 27 +

15 do Albuminoid ammonia 15th x 1911 June 15 (1 sun
before Today, Soda ash in water, Quantity of
Total & Albuminoid Ammonia 1912 June 27 +

do alkalinity 1912 very Lagoon pit at mill pit
Carbonate towards Reservoir

9 H

Rhexia Lewisiana [illegible]

1911 June 9 & Cranberry, Apalachicola definitely concolorous or veiled both outside & inside. 1912 July 4 some flowers thin, Aquatic Pond.

27

15 Rhexia alamica 1911, June 7 & 9 abundant Ranch along the R. side of the road. 9th wonderfully abundant about pools & ponds R. of the town in Cow meadows 1912, July 5, fine large spikes.

1

21 Rhexia Petiolata June 9/11 choking ditches on low ground N. of the town. 1912 July 1, do. also noted in a lily pond. Long Pond Sep. 26/15; in Bottom ditch in peat marsh.

H 1

do mihi Sprinkle Pond - 1911. Very fine appears form in ditch in Rhexia meadow, one specimen 1912 N of town. Capano Pond & C.

Xyris flexuosa

do. Caroliniana

16 b-200

July 6
1912 one tuft in a Hyssop Pond ×
Long Pond 10 ± ×
pack of it on a thistle on Tuckernuck ±

15 Tradescantia virginica + all over the grass (unexplained in Sept list for N. of the ± 18 ×
18 × above list, no buds yet opened, in grass depression on opposite shore Long Pond S. of Tuckernuck.
1911 June 11 ×

15 Pontederia cordata 1911 June 4 common very small + covered. 1912 July 10 × Long Pond

16 do. angustifolia 1912 Hyssop Pond, leaves only

(Not in herb. dubia)

15 Juncaceae effused 15th Pondia view mill T
1911 June 3 ponds Sept 6 Nov 1912 Pondia of
good size but very immature June 27

6 [illegible] little [illegible] 1911 June 3. Last localities below the Cliff. Females nearly full fed, Much of it on Hawthorn meadow. 1912 June 27 +

15 do [illegible] 15th + 1911 June 3. Below part Hawthorn Bloom very small 1912 June 27 the males largely abundant along damp roadside & in low places 1912 very C. Below Pond + everywhere.

do [illegible] 1911 June 7 & 12th +. [illegible] 1912 June 27 +

16 do [illegible] 1912 June 27, inflorescence [illegible] well.

22 do [illegible], [illegible] eggs [illegible]

15 do [illegible] 15th females just dead. T

3 27 15th
15 Comment de botanique fondée dans ma maison
17 x 1911 Jane 3 families just about.

9 do marginalis 1912 Remember Find July 9 +
the only flow noticed this trip

do circulatus 1912 July 6, Pont Pond, two
only.

VI
22 do Kelocarpus 1912 Hamilton Mill Run

VI
17 do militaris
Locality [illegible]

3 27 15th
15 do circulatus inflorescence in motion
1912 June 27 + Search for generative Co. July 14
Many C. the dark parasites conspicuous in the fronds

Jamaica articulates

15 22 do canadensis T

15 22 do. var. minor 15 higher minor T

5 22 Specimens pressed 1911 June 6 Bilmo Lake
Grand Point Iguana. Seems to be common
Aloes, 1912. C. June 27. Just drying T

Cactus Leaf Cut

15 22 Specimens pressed 1912, July 3x T

Specimens pressed 1912 Cotton Farm
Scattered along the border of the swamp

20 Allium fuscum 1911 June 15 1911 June 15
1912 west of Jacksonville flower buds yet. July 9
no flower buds about Preston

19 do. Sutherland. 1911 Gunnison County. T
1912 July 11 last two plants in square grass flower
buds. Boggy below near Gulfport, Wells Fargo Junct.
July 11, flower buds already on declivity pit under a small
cliff in square, say, one foot high, with a single flower
bud.

22 Allium canadense 4-11
Aconcagua edge of field 24 in full flower

15 Ornithogalum umbellatum 15
1911 June 14 one plant on grass lane, others on lawn
beyond Sea Cliff Ave. & other lawns in town. one left
below the Cliff in field. got 13 & 15.

22 Allium canadense 27 to flowers yet.
1911 June 10. Stems 2 feet inches high. 1912 July 22
some leaves, only one yet in flower. July 11 Square

15 Allium geyeri 15 1911 June 14
frequent along shore near Alcatraz Point. Corte 3.
1912 July 14.

19 Vaccinium Hookeri 1911 June 8 female
flt close ♀ generic 1912 June 2 end of bloom

17 do. ♂ tetrahedra, Rowlee ♂ ♀ 1911 June 5 ♂
1912 June 27 fruit purplish. Some small plants in bear
Some on dried Portions may be close to the later bloom
Perfectly glucous beneath.

T

20 Vaccinium corymbosum 1911 June 5 ♂ in full
fresh flower. More abundant clos. 3 rows before one at base in thicket
by pond near artesia peninsula on ♀ annexed road
June 8 ♂ forming a close carpet in thicket E of Hawthorne.
1912 July 1 ♂ ♀ of bloom.

20 Vaccinium Pallens 0 dense bed of
large bush in Birchwood 1911 June 8 Pallens
Both flowers dried. 1912 Bushes in fruit now

20 Vaccinium corymbosum ♂ ♀ Pallens
June 10/11 Squash ♀ 1912 July 11 ♂ Beechwood some
shrubs immediately large.

19 Vaccinium Hookeri 1912 Vaccinium Hookeri
1911 June 8 Pallens Bush - on the point of flowering
Quarter June 9 ♀

8 1 T
18 Linaria repens 1911 Quite rare
June 10x 1912 July 1. Few past.

2 27
24 do. purpurea 1911 June 6 x on banks
below the Cliff 1912 (July 1. Few past. seemed rather
more slender than in repens. the flowers also
seem smaller & slenderer than in repens.

4 28
18 do. glauca. 15th x June 27/11. Common
and flowers [illegible] June 1st. 1912 very few open

Nepeta hirsuta

27
15 Veronica Teucrium 15th 1911 June 3 x 1912 June
29. Some flowers remaining. July 6. do. 1/2 a few flowers.

7 27
15 do. prostrata 15th 1911 June 7 Common only
June 15th. Nearly gone to seed. 1912 June 27 a few
last flowers. July 1. None in one place the next it

1911 June 14 Bunches flowering - 9th Grade +
June 12 Pulled +

Iris pal. Pleasant Grove. C. Valentine
June 8/11 C. Show Running meadow. 12th + Cor Nat[illegible]
1912 Early C. June 7 Last flower July 6. Had a good many
July 15 Still flowers. C. alt. June 2 Store Stands Pleasant

15th
Iris aurea + 1911 June 14. Would not
as if any plant on the island had opened its first
flower today. I examined over all of it and found
none but found any shrivelled flowers of yesterday
1912 June 29 a few flowers left here & there, July 10 still
some flowers

15th
Iris atropurpurea + 25th forms. Heart
Pleasant Grove in low damp fields
1911 June 3. first flowers 1912 June 29 numerous &
fine and at July 11, still some flowers 14th 20

15th
Ipheion uniflorum 1911 June 11 - two
blooms on hand some fresh flowers on Mecconi Knis
1911 June 12, a number in flower under leaves in square
13th Still in flower in some places open flowers
also only a few inches high in background.

Ipheion uniflorum Glory of the

15th
Hippeastrum Equestris Elephant Ears
1911 June 15. Yesterday just appearing, very small as shown

(Blephariglottis ciliaris)

17 do. laceras known only. T
1912 July 9 Madequecham Pond, Small flower Bulb.

17 Pogonia ophioglossoides, 17 days from
28 x = 5 7 c. for Vineyard x Pelham one plant of
1912 June 27, 2 days before fully flowers. July 1. Most of
flower at the top in bloom July 6, Still many flowers to
July 11 Still at least flowers

17 Limodorum tuberosum 17
27th x 1912 July 1, Point Bridge July 3 x. 6 generally in
flower, July 11 + 13 +

20 Liparis bulbosa Seen June 3. Alone
place where in
more than several hundred flowers, either a spent
after rain - a fine sight. The flowers seem
to open mostly in the late afternoon and
close during the night or so - some last flowers
June 15 Still C in flower, 10 d + 2 quam in seed bags.
June 15 Still at least some flowers.

Calopogon Pulchellus

P. tremuloides

P. canadensis

Leptorhiza Loeselii

3 24
15 P. tremuloides alba, leaf deciduous.

3 23
15 do caudicans

5 1
15 P. grandidentata. 1911. June 5. ferns appear about 1½ miles from town (in triangle between Locust & W avenues) south of P. tremuloides with it.

30

18 Lepidium Draconicoides S. of four miles along the River ... 1911 One station in Squam - quite a colony. C. E. & this town supplies of Diamond Ford.

3

17 Salsola pergida

9

22 do. altera pergida

do alba

do Babylonica

12 Pale cinnabar Ad. Salpeter via Panama Pacific 1911 June, bore scattered tiny brown & circular light spots on thorax

23 do. minimalis

15 do. Cinereo Ad. Dim cinereous pale dull brown, base of antennae & thorax clothed with dense long hair 6-8 ft high. 1911 June 15 Near Mt. Tom 10 ft high.

15 do. pentandrae Pale cinereous pale dull brown body 1911 June 6 many pentandrae Salix Stem.

15 do. furfuracea Pale cinereous pale dull brown body 1911 N. of Lake Tahoe in several places

15 do. cordata Pale cinereous pale dull brown body Elsewhere, many pentandrae Salix Stem or Leaves.

2h. Salix reticulata 1911 June 9, Kul Lop. district
by pool. N. of the town with many young catkins.

4
10 do. desertorum 1912 E. Turkestan Exp.

5
2H do. orbicephala.

5
2H do. Sibirica 1912 C. Sibbo tramp

2H do. humilis

5
1H do. lanata 1911 Sur. my own discovery.
1912 one patch on hill S.W. of Cyparum Pd.

Lake Jessica

15 3
In de Potterdavit, Fort Irwin.

- 17
1911, a thick cluster fully 6 ft in
diameter & 3½ feet of
Lake Jessica pond
Creek to Stedford Arroyo Point. The Cajamun Pond
plant still exists but much of it has died. A small
plant less than 1 foot high was found growing on the shore
about 100 yards from the original one 1912. Original plant &
same small plant. 1912.

15 21
1911 June 8, many cattails
de Establishment but not any yet mature
June 8.

7

H 32
12 Completion Established.

5 34
20 Record also. 1911 June 5, many cattails
Still immature. Lick at
Hammond, entered but Still immature

10 H

12 Nicaea incorporated, Ill. August
1911 do. actually a close group of 2 trees
another close to Wauwinet the pocket with Cook, Chase
of green miniature coltsfoot

21 do glabra? One of the two trees may
have V.S. of 1911. A Hastings in Gillette
Jones was either this or the next.

11 C

do ovata 1911 Sewell Beaumont Pines a
number of small trees, the typical perhaps left by

(Captain's Continuation)

T

19 Corylus Americana, Jacobsen
1912 June 19 fruit fully ripe 1912 C. recollected on
Pallard's Neck, sometimes in same thicket with
the next.

19 do. rostrata. 1912 July 5. well fruited

Ketchel Lepidoptera 1911 Colorado 18ft
high among pines on Ramond Road. Although abundant in
Squam Lake at junction of Ramond & Sandwich roads

Pieris napi oleracea Harris Lachadea Pond
1911 June 5 Steel fencing mill at Squam Pond.
1912 found again near the base of Rosemary - a small group
or clover chaser.

Papilio glaucus turnus Linn. Tiger Swallowtail
Several specimens seen from Squam Lake
Rosemary Ridge July 25 ft Lachadea
Pond Oct 15 73° around in Squam,
see lettered note book.

Pieris rapae Cabbage Butterfly
18 Specimens noticed - Range to June
1 to 15 per month. Flying almost as much
in autumn as summer

Vanessa antiopa Camberwell Beauty

26 Leucosmia lepidofolia Spreng Tree
in Blue mountains [illegible]
[illegible]
June 1912 same tree. of the original stem in quarrel is dead
but another of about the same size and 25 ft away on the
[illegible] is very healthy

19 do lucifolia 1912 One cluster of united
trunks certainly 20ft high in Ravenswood

25 do alba. T

29

20 do. lucida 1911 Ravenswood Farm Ryde
1912 July 6. two trunks together abt. 100 yards E. of eastern
Wajworn Pond (abt 70ft high) stone abt. 5ft high close to the
Pond on one side.

T

1911 June 11 near Wennard Pond
19 Do. lucifolia Correct with wax yellow cotton
but in bolder texture - near the Lucifolia there
are abundance of entire abt 4 inch x 2 inch.
June 5th, the same observation elsewhere, another
yellow, those of lucifolia red or reddish tinged
those of Rufescens yellow like Linnoides

Quarantine suspended on Long Island and Pelham Bay 1911 June 5 but appears about 1/2 miles from town in triangle formed by Summit Estate roads.

Illness prevalent

do completed

Numbers Infected 1912 July 10, most of it running among the young vegetation of a swamp in Bridgeport Harbor, native.

do [illegible].

(Canada Notes)

20 Maiden aller.

(Metica ureus)

do hydlei

21 Adicea limicola 1911 Iune 4 Juvenile only 1912 June 29 Juvenile only

Ochmerea cylindrica 1912 hybernated at Aqueduct Fl. Pond.

17 24 do Vertigo 1911 June 11. a few immature face

Panicum pennsylvanicum

5 30 Crabgrass var. ballata 23 d. 1911 June 5.
1/2
Ht. 1 to 2 ft. + erect, C. A. Pennsylvania + near form S. of ext
20 mile of N.H.

3 27 T
1/2 Panicum a. ecto ballata + June 4 Beginning to
redden in the fields. Frequently forming a broad field mass
with the darker

4 27
1/4 do Pennsylvanicum

T
3 27 do ballata June 3/11 inflorescence incident last
1/4 summer 1912 Forms with the seed shedding short + thin
chaff C. also form with seed shedding narrow & alternate
forms & site This character warrants a good deal in the
name plant.

3 27 do ob. ecto ballata
1/4

15 Kennett Creek & Forest River 1911 Lewis 3, plaintiff
Lewis - no dispositive of information

do Jurisdictional 1912 Robadue Pond July 9
Lewis only

Petition and Summons 1912, Mandamus
Pond July 9

15 do Affidavit

15 Motion Quashing 15th 1912 July 9 Lewis
C. A. Robadue Modification Pond & Lewis
Temporary Injunction with it Show it Construction
Howe.

12 Polygonum bulbiferum

do provenciale

16 15-9 do neglectum, 1912 C at Rebaudieres Rhodymenia
ford, Sidyg. a few weevils feed flowers

do proliferum

do ochreatum

6 Spiraeaella Leaves yellowish. 1912 July 6
Leaves only, Gibbs Swamp - July 11 Leaves of crimson flowered
prostrate form about South shore pools.

7 do. incarnata

do bifurcata

10 b
25 do Leaves on the shore of Lacunes -
Leaves closely white cottonelly beneath Veins blue.
22 do by Lake Leaves 1912 July 16 x

23
15 do Leaves 1912 x emplace. T

15 1
do ophelocaulum T

5
19 do by the edge of ponds. 1912 July 6. x in pool
W. of Alder Rock Hill

18 Percicaria setacea ... in Bridge
slip in E. side of Mud Pond

19 do Limulata 1912 July 6. x Gibbs imp.

20 do Robustior

21 do Hartwrightii Squam Pond

22 Hieracium Gronovii Lam 26 x
1912 July 1 x

23 do canadense 1912 June 29 x T

24 do Aronia Botryapium June 8 Mud Pond x T
(Photo)

Polypodium tartaricum. Sunfield 1911

27 Polypodium tartaricum 1911 2 large
Plant by side of Aspidium thelypteris x 10/12 July
in sand about on old chicken yard at Sunfield
1911 also fruit — probably P. tartaricum.

Polypodium vulgare 1912 July 2 plants
very small

15 Dennstaedtia obtusa 10" x small plant
1912 July 9

15 do Capense 1911 small plant.

do lanceolatum

4 do pilosella small plant, 1912 found
by Miss Smith

Pleurodictium hybridum

do rectum

18 do ambrevedades Wenlock

16 Favosites basalis Ploudalmezeau F

18 do armaricæ Ploudalmezeau

Zaphrentis sp. Coal measures Kyle F
Quite rolled on Pebble Beach. 1911. June 7.
not more than 1 inch high

12 *Salicornia Rejdowii* 1912 Coatia T

13 do. *ambigua*, June 12/11 Coatia, Pajin 1912 acres of it on Coatia forming bright green beds.

13 *Bondia linearis* 1912 Coatia, very small

do. *arenaria*

12 8 18 *Salsola Kali*, Plentiful 1912 July 9

July 9/12 - Divisions of pericarp cuspidate, 3mm. long - filaments 3mm. long, anthers 1.25 - 1.50 mm. - styles ab't. 3 m.m. long, not exserted.

? do. *Caroliniana* 1911 Lexington, Ky. Local

Kentucky Ave., Transmitt

do. *Tragus* [illegible] yard

July 9/12 - Divisions of pericarp. Rare cuspidate & more

topening clear in Kali — peduncle upto 6 mm. long
anchirb finish 1.5–2 mm. long — styles 11 mm. long exserted
+ recurved.

Amaranthus retroflexus

1912 June 28 Indian Point

do by Cribes

do fraccigans

do. blitoides

(do hirsutus)

Pig Tobacco does not grow in this locality on rich soil
on Brattleboro road 1911 Warrenville — a large plant
9 inches tall by 6 bare 10 A Much flowering upto for a hundred
distance from the common but bare pollened the Corpuscles
Regional Pines Gebbs Kaleigh Garden. 1912 July 1 x 6.
Stewart Comm Checks
Portage Wauzella.

5

7

24 Portulacaceæ Lewisia

do grandiflora.

3 12
15 Sedum nuttii annual 3 to 5 + 1911 June 3. Sunny ground
freely in flower. 1912 very c. +

9 22
17 Agrostemma Githago plentiful [illegible]
locally in N North Co's yard. 26 x tame flower - a
1911 June 9 one large
number of isolated plants. plant in waste ground
N. of the Cedars, 20 buds yet. 1911 June 29 in waste places in
town. July 11. chester yard Wyndcliffe Road.
12 22
15 Silene cucubaloides + Leaves of [illegible]
clips, but 2 doz heads from finished stems +
[illegible] of abundant - one plant found
[illegible] 1911 June 12 x 1912
June 27 +.
do antirrhina

17 do. armeria.

11 do. noctiflora 1912 Maywood Station July 4 + a
cluster of plants of tall stature.

Pond Chickenyard.

Silene conica

Lychnis alba 17x. 1911 June 7 one flower at Ramsdell. A form closely resembling Silene noctiflora, the young flowers yellowish; styles 2.

Silene dichotoma 1911 June 7 in weedy yard. Flowers deep pink. 11th another neglected yard, flowers deep rose.

Silene nocturna Linnaeus 1912 July 10 one plant in bud showing petals.

Silene antirrhina 1911. one plant by the old Comstock on the cliff; sent by roadside bank of Waterworks. no flowers buds 10th; 14th observed out on bank by railroad not far beyond the town, no buds yet. 1912 June 20 one flowering bank by railroad no more.

Silene Cucubalus

19 Alsine grandiflora 1911 June
14th +. Old roadway across commons east of the town. C
one + few yards – bet. Hammett + Main roads.
1912 June 27 + North of the town

15 Cerastium vulgatum 15th
1911 June 3 +; + some seeds nearly mature 1912 June 29 +
Only 18 stil flowers.

17 do semidecandrum
1911 June 3 all dried up on town
Road Pl. and 1912 July 2 Dennet all dried up

15 do arvense + var. oodonum flowers 23
Open flowers 1911 June 3 + + mature seeds 1912 June 29
one plant found in flower.

10 Lepigonum procumbens Keith Rock + Pl.
1911 + + young fruit
June 2 Ice Field off Greenhaven
Now addressed Jervis Inlet. Join + mouth Evans
1912 June 26 + + Esp. fruits. C. dory rocks in Skowquan Evans mouth
15 Arenaria tenuifolia 17 Well in flower.
Dory C. 1912 June 30 some last flowers.

T

Mookerjeea lateriflora 24/12 + Low Downs
1911 June 8 + Hawkenow. 9 & C + Jervis Bay
Coast Aly. C. June 12/11 + 1912 July 1. Hawkenow mod. v. +
Meadow (thistles) S. of Sea cliffs Occ +. very abundant on Coastline, but x
flowerless.

T

Ammobium scoulerii 26th Ripe fruit
1911 June 7 + x; Coast Aly 12 + Still some flowers.
1912 June 27 fruit ripe

T

Leptorhynchos squamatus L. + Y fruiting heads.
1911 June 16 x.

T

Senecio pterophorus 1912 July 13. Coastline, x Perfect
globose

T

do. minima

T

do. scaberula 1911 June + 1912 July 2 +

6

17 Arisaema triphyllum 1912 July 6 Pond Pond (middle

(Symplocarpus foetidus)

H 28 T

17 Caltha palustris 1911 June 6, In the pool
below the Cliff a single pink flower in just open.
1912 July 3 +

5

22 Ceratophyllum demersum Common —
Long Pond. 1912 Malcomet Pond

Cypripedium

8 24

21 Actaea rubra 26d Large and very beautiful
racemes of scarlet fruit just ready [illegible]
1911 June 8 Racemes of purplish green fruit. 1912,
June 29, much scarlet fruit in dense thicket in
Moorland. July 1 Rattlesnake Bank, much fruit. July 11,
Beechwood, scarlet fruit

7 Lycoperdon Carolinense 1911 June 7 Only one
fruit found on Argemone Recent Rain in
bud flower.

5 Lycoperdon gemmatum 1911 June 8 A few flower

Lycoperdon Stellatum

5 15 do. obtusiusculum 1911 June 5 Leaves only.
1912 June 30. no flower yet

5 15 do saccatum 15a 1911 June 3 + but in many places still
only in bud. Square

3 T
15 27 Ranunculus bulbosus 15th 1911 June 3 + c.m
dry buds. Notices as far east as Aequidum Pt, the
growing in the boundary & Quadra Aquila c.
Courtney + 1912 Seemed some flowers.

3 T
15 28 do. noticed 15th + Goldstream Park, Cumberland
bog. Little Boat bay, Island View Beach
and this way beyond Sooke; Colwood,
Langford all over the Island 1911 June 3 +
badly carpeting the low meadows with gold. Trautvetteria
Sutherlandia Quadra. Aquila c. 1912 July 8 + all over
the islands
28 Ranunculus Columbianus 1912 June 8 + 9
fr. to Colwood July 1 + Shawnigan, 9th + Lower Post
Ponds

8 T
20 Delphinium decorum 20th + Mallo Rum
1911 June 4 buds very small yellow. June 9 a few small
plants in Quadra Orchard near the House 1912 noticed
in thicket near Mallo Rum

Do. [illegible]

22 do 21st Sepals + petals [illegible]
Clusters of red stems and the central + yet light
East ex flower

5 T
19 29 Delphinium Menziesii 1911 June 5 Still in flower
[illegible] Point Flowery also Quadra [illegible]

3

15 Calcéolaria rugosa 15th + 1911 June 3 +
1912 June 30. flowers. July 12 still flowers

11
18 Lepidium sativum. 6 cluster of Short
time frosted plants in big pot & rest with Cauliy.
1911 June 11 + 8 fr. last plant in a cluster in old Cauliy
N. of the town 1912 June 28 fr. green tops, Cress bed
in chicken yard, not seen elsewhere 1912.

4
15 do viridissimum 15th × 1911 June 4 no buds yet. T.
1911 June 9/14 × 1912 June 30 + 8 fr. 2 pc

16
15 do dense hyacinthoides 15th + 8 still developing leaves after
the frost nature. Rosette 3 & 4 in
1911 June 8, still developing start runners & peduncles June 21 M. work.
1912 January; frequent still. Town +

16
17 do rupestre 17th Rhondda Cauliy pot + 8 fr.
1912 July 3 some still frosted plants about on the
Chicken yard by Rhondda Path

Coronopus didymus

Hedge mustard

3 21 15th Sheet full size
15 Lepidium Draba L. + Cornwall
1911. June 3, Mostly just in flower, but in some places with good pods

14 15th
15 Do. Alderney. One plant 4 ft. 9 in. high with 21 c. about a dozen in flower & fruit. Large plant + very fine in the sand with long branches. 27 Steel in flower. 1911 June 15 very large. Cultivated. June 18 pods full size no flowers left. 1912 March 2 common under - some flowers still. Gathered, roadside, surface & many places. Rodney -

11 2 T
11 Capsella Bursa-pastoris. Shepherd's purse.

20 One small plant in flower. 26 Large plant just in flower on 'Common' Herb. 1912 Scored July 2 Small flower buds only.

3 21
15 Do. Alderney Common 1911. June 3 +
Frequent in old fields & waste places

16 Pradician Rose 1911 June 3 +

do Rose 1911 June 3 +

1911 June 3 + Some small, Clear 11. Root Pr. road.

14 17 do Jessica 1911. June 14. Family in cot field S of the Cem. 16 + some do clumps.

15 do Alice 15th small plants on both only. Both dead 1911 June 11 Evenly leaves only. Some mainly buds; 16. no flowers yet 19 + June 27 generally past in flower, very C. July 10 +

15 do Alice 15th 1911 June 3 freshly in bloom. 1912 June 27 + very C.

Pitcher Rose

3 27 15th T
15 Rathonea Rabbanettiana f.
Excessively abundant in old fields about after open
old fields yellow on the Keokuk 1911 June 3 x

16 9 15th T
15 do latiseed + one plant on bank of N. Cooke St. Ext.
Flowering plants by dead tree 1911 June 16 + since
1912 Surfaces July 9 +

4 27 15th
15 Barbarea Barbarea L. + Yfr. Mass of it in
gully on cliffs. 27 feeding a bushel in 4 beds from
Meadowmere Road, pond. Abundantly naturalized in
masses. Seen a few times since June 1911 June 16 + with many buds - C along Grove Lane + other places
June 9 + in abundance on Market Street near Gulf tracks
1912 June 27 no flowers left July 9. Not collected out when
rubbish has been thrown.
16 27
18 B. vulgaris L. - Yellowcress -
18 + Yfr. 1911 June 3 +, 1912 June 27 +, July 16 +

9
13 do. B. praecox, Early Yellow, in full
bud + Yfr
flower 4 June 1911 Much more numerous than last year
1911. June 9. First flowers - a cluster of large plants, in full
bloom in rear waste ground N. of the Town.

13 3 27
do Nasturtium 2 + June 1911 June 3 + ditches + waste ground in rear Town
West side of Town marking the course of a dried up
the long meadow creek with a long line of white 9 +
Cress

Cardamine pinnata Lam. 1911 Lmey + Prodr.
1912 Lmey + Sect. comp. Leucas in Engl. bot. Jahrb. Colfax

do amara L. 1911 Lmey + Sectum Coffeae.

Rorippa Barba-pastoris (Thuill.) Rchb. 15' T
1911 Lmey + Protopodes.

Viola canina L.

Empetrum nigrum L.

15 Alyssum saxatile at original station 15th
1911 June 3 many plants with pods only others just flowering
found on both sides of the cliff here.

17 Convolvulus arvensis, single dark purple
plant in H. Wortley's yard 17th No flowers (1st year)
found 1912 July 9 All an old chicken yard Remarkably
well rounded plants & some small ones just in flower

16 Nasturtium officinale 1911 June 7th in
ditch dump on Boreray Road 1912 July 12th
a roadside weed in town, dark times!

14 Reseda lutea 1911 June 14 2 specimens just
flower in the bay from a seed sent to Isle of Home
1912 A clump in full flower July 11 Platts Bay

15 Matricaria Chamomilla June 5/11 Sangomer
bay near dry, but number of plants just in full flower
Roof & there - fine patches near where dry wall

17 Daucus Carota 1912 July 3 Too
flowers yet. July 6 spikes of buds.

500

14 28
17 Reserve Conspicua 1912 July 3 to Flowers 9th
July 9 x Remainder Road

5 7
11 do. Kilpatrick's Farm 1911 January 3. Stand at along the Stock road near the Golf links and generally throughout the [illegible] of Ten Chains Swamp 1912 July 2. C Line to the Ten Chains Swamp. to Flowers 9th.

Kilpatrick's Paddock

5
12 Jackson Conspicuous

5 21
17 do. Tracks 1911 January Bush Line Gates to Flowers 10.2 January 9 Poor House Farm Stock yards with it Road Cooper. railroad Superintendent Land Plans Land Sale of Land

T
19 Residence Residence 1911 January Flowers Pond right front 1912 July 10 Corporation Pond Paupelok Lot Rail ways

Rubus laciniatus

3 do Townsville 1912 Maleyfield, Nijnan Rd.

Rubus americanus

1 do Tenterfield Woodlands
Thicket in open forest
Some Ex Abundant in thicket E. of Showground
C in Queens Park in Quart bottle. Is now
abundant on Cockatoo 1912 July/ some flowers
ripe fruit, Maroubra.

2 do Woodlands

do Illawarra

15 24 Reclaim en gestion 15th Rudd & Vian
à Lyon, 24 rue Vaubecour 1911 Jeune & Bonbo
only 9 x 12

15 24 do Soundeau T

7 1
12 do negricans

3 15 27 do Libourne 1912 sans 2 + 3 4 6 + 11 4 T

T

15 Pisum sativum L. 1911 June 3, first flower

15 do. Eureka 1911 June 4, first flower T
1912 open flowers left July 2.

15 do. Railyard

15 do. Flageolet 1912 July 2 open flowers left.

R. allgemeine Aegeteis

15.11
2. R allgemeine Jahresbericht
1911 Herr Bronsart.

13 R. allgemeine Ausgaben
1911. Ebeling.

20 R. allgemeine Kassenbericht

R. allephanus × flagellaris

R. argutus × frondosus

R. argutus × nigricans [illegible]

R. argutus × procumbens

5 P. aeruginosa × Bacterium

2 P. Bacterium × fluorescens

6 P. Bacterium × fluorescens

T

q. R. Ranunculus x Ficaria

1. R. Ranunculus x flagellaris.

R. Ficaria x grandiflorus

R. Ficaria x Bromeliana

A. Endlichii × flagellaris

B. flagellaris × frondosus

C. flagellaris × neglectus

D. flagellaris × vaginatus

15 M. flagellum x breviusculum

15 M. frondosum x β breviusculum.

M frondosum x depressum

T

15 [illegible] 1911 June 3 +

Grassy places fields, Ducker Park, Lewis, June 10 a rabe fruit. 1912 June 27 some bad flowers July 2 one flower July 6 one flower, rabe fruit

19 do. [illegible] June 6 + fr. green 1 some flower 1911. June 4 + 1912 July 2, some fruit ripe.

Argentina [illegible]

19 do [illegible] 20× 1911 June 7 + 1912 June 27

3 15 Potentilla [illegible] 15th × Very C. in T. neighborhood of [illegible] & along railway north 1911 June 3 × 1912 June 27 + July 11 +

16 do. Rosebelliana at Eng. plains in town [illegible] 1911 Rochester Park 1912 June 29 one plant not yet in flower. – the diamps. July 5 × Mean July 9 Easter C at Madigan chan Point C. on Whangaia Point C. than 2 hours rain it on any other trip –

3 15 Potentilla canadensis L. 1911 June 3 ×
1912 June 27 +

3 22 do simplex 1911 June 3 ×

2 22 do sumila 7

7 20 Geum canadense
Endicott Penn. C. 1912 June 29, small flower bud

13 20 Agrimonia gryposepala
Endicott Penn. Co. 1911 June 26 in bud
1911 Aquam on one thicker

do Bicknellii

3 27
15 Pinus Caroliniana 1912 June 27 Some flowers

3 23 T
15 do. Laurifolia, 1st x 23d not yet pressed, in flower
1912 June 27 + just

15 do. Rigida not yet pressed

11 27
do. Taeda just opened 1911 Small closed fresp
in young foliage 11 of the Tree.

3 27 T
15 do. Virginiana 15th + One cluster in middle
Lake Pikeville Natal 1911. June 3. just flowering
only a few. 1912 June 27 +

27

Rosa Centrassocissa 1912 June 27 + 6 in the town garden + here and there along garden + farm borders in the Cotswolds.

28 27

26. Pyrus communis 1911 Aug 28 + 5 ft high in wild part of square, some fruit + yield in two very fruit. 1912 Pastel pink Bud. T

29 28

15 Malus prunifolia 1911 Sept 29 + 1 ft high on old bank and then down hill to bottom of shrubbery + dark fruit

30 29

15 Cornus sanguinea 1911 June 4 + T

compressus from Flowers in Bunch from point Every where in full blossom earlier in any dry or in moist soils.

31 30

15 Ilex stephanocarpa 15th tom flowers light. 1911 June 3 +

T. Ilex integra 1911 June 9 + Quaint dark holly June 15 Expect to move point Spring to make bright show 1912 Early green fruit. From Kew Range - West of Cupressus

4 7
17 Fruiting [illegible] 1911 June 5,
Seed [illegible] 1912 July 3 fruit ripe some

9 7.
21 do ripe [illegible], some leaves [illegible]
do forming but not ripening any [illegible]

14 7
18 do [illegible]
Fruits ripe 1912 July 3, some ripe fruit, some drop
ripe fruit red to purplish red rose [illegible] dark purple
[illegible] do [illegible]. Plts very like cantaloupe &
of same type July 11 fruiting very abundantly more so than
the other spec. Mature fruit drop purple blue, glaucous fr
& all colors from white through pink red to purple in same fruit
[illegible] over the fruiting plots. Fruit not fully ripe.

15th
15 Cantaloupe [illegible] & [illegible] very
[illegible] 1911 June 3 budding.
[illegible] not yet in [illegible] Abundance in Commiss
farm fields 33' around, other smaller ones near and a numerous progeny
of young & old ones June 16, 1912 June 27 + but passing out of
bloom - July 2. Large fruit in form [illegible] nearly ripe

7
20 Forage [illegible]
20 do [illegible] [illegible] do in
[illegible] [illegible] do [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] 1911 June 7 + Accession Field 4-6
Aug: flowers for 1912 crop. [illegible] & Henderson, certain

[illegible] Tree day 12-14 ft high. Among a spread of 6 feet Bordered with Hardwood. 2 Natives in the district Jamaica Tree in blossom but falsely fruit falling 1912 July 2 Connect Samuel Shrubs near the shore Among Hardwood Tree 1912 Aug 7 Burgwood & Some fine shrubs in bloom.

11 Calabrus Calabrus. Of Jamaica or Guiana the largest tree was about 80 ft 7 1/2 inches in circumf. near the base. Leaves of the Tree were usually three with a sharp point R. a new station in Guiana 1912.

1911 Bucket C. of Cross Savanna. A fine fruit loaded with blossoms. much wider round pointed as flower than C. Guianensis.
June 10 Tree in full blossom.

10 [illegible] d. Rotundifolia 1911 Vine a Single Corymb remaining - a caterpillar nest with 4 eggs in 1911 2 June 20 a group of 7 shoots 1-2 1/2 high over the bush. 1 Wandering road 1/2 the line of Cinchona well planted. 1/2 a mile West of Corymb station

10 M d. macrodonta. June 10/11 In blossom Corymb 1912 July 4 green fruit.

Primula Sinensis

3 T
15 do rosea 15th + var. alba 22 Pearl Blossom
Leonard Ledford 1911 June 3 + 5 + 1912 June 4
no blossoms left.

4 T
do Carmen, deeper pink shade
less clear than the Rose & of
Love Pomade, Comp. each.

do. deeper pink shade than Rose of Love
paler than Carmen Pomade

T
15 do Rosea 15th + 2d + 1911 June 5. not yet
in flower. 9d first flowers. 15th +

Fuchsia Chrysanthemiflora

15H Baptisia tinctoria

or the plant. 1911 Just plants in the beds

5
16 Baptisia tinctoria June 5/11 up to 12-18

inches high 1912 July 2 x Just placed into a moist place
with flower. May commence about R. H. towards Summit

Lilac Europaeus 1911 June 4 +

3 27
15 Cytisus Laburnum + 15 20 + June 5

Still there some [illegible] 1911 June 3 + much
of it now being planted along the Cliff. In the original three stems
are certainly over 10 ft high stems measured probably not the largest
NOR 10 inches around ft base. The station is of Shannon [illegible]
is a rather attenuate antigrapitch shrub - 1912 June 29 some
+ flowers still. July 2 do - 7 July 10 - flowers later at Sapper.

22 [illegible] Salicina + June 4 1911 June 4 + buds

1912 June 28 + x.

3 27
15 do. Laburnum 15 + 1911 June 3, mostly only just
in flower but some with seeds.

15 ft Oenothera decipiens

22½ x rosettes ♀ of the Tree 1912 June 27 f. some in flow. only one foot above the ground.

11 39 Crassula cotyledon 1911 June 1 Hundred in two selected pods on Tree in one mound thickly along a wall. flowers buds very small 1911 June 29 f. much at one place on Ocean bluff f.

Sedum pachyphyllum 6 in

do. rigida

10 11 do. obtusa

10 11 Echeveria secunda glauca T

Lecție de pe [illegible]

[illegible] de [illegible] 1911 [illegible]

de [illegible]

de [illegible]

de [illegible], 1911 [illegible]

de [illegible] [illegible] [illegible]

Ledgedge Plantation

Vicia villosa 1911 June 15 × 1912 July 1 ×

Vicia villosa. Pods 6 of which flowers ×, a number of pods, July 9. Immature seeds of 1 + in a dozen pods.

15th

do. Tetrasperma × In a gully of the cliff. 4 g. Seeds of the most of it on flower. Flowers darker than in Ithaca more purplish purplish the standard purplish tinged with blue. Flowers of it near the Catholic Cemetery. All of the from 1911 June 6. no flowers yet. 1912 June 29 + many pods. Sumter Hall

15th

Lathyrus × Original Station. Corolla blue-violet, the standard without any white. 1912 June 22 + many pods.

15th

do. latifolia + c 1911 June 3 +

15th

do. angustifolia &c. Ex [illegible] 1 Pods beyond. 1911 June 3 +

12
16 Gramium Pabulum June 16th 1910 ✝ in a bicycle in town.

13
16 do pavilions about 1/3 usually large size in a lit. [illegible] ✝ in 1912 June 29. ✝ town in ward 11.

14
16 do Carbonic acid 1911 June 4 ✝ one plant in field near Trenton formation June 10 C in an old field it guessed ✝ June 13/12 early place in town, no plans left.

15
16 Chalis Aurea 15th ✝ 1911 June 3 ✝

16
16 do Cynoxylon 21st ✝ 1911 June 5 in bud ✝ 1911 June 16 ✝ 1912 June 28 ✝

17
Linum catharticum

10 b
Linum virginianum
1912 July 6 x

17
do. flore duorum 1912 Several plants flower buds. July 10 not quite all flowers yet open. July 8 on full flow.

do. striatum

3 27
15 Silene glandulosa 1911 Sow
foliage shall very undeveloped, the lines appearing very pale with completed buds of reddish capsules brown at the tips is Carolina

Polygala sanguinea

do. cruciata

Polygala verticillata

15 do. polygamous × 22 ♂ × 1911 June 10
Nov. not in flower. 1912 June 27 ×
July 4 ×

15 Cuphea polygonifolia 15 ♀ Sav. Inoculat.
1912 July 13 × No after

do verticillata

15 do Cuphea viscosissima Nov. 1911 Sept. 6
dry up not in flower 1911 June 3 ×

Polygala polygamous. Fronds
bent, pods deflexed at many places.
Seed small & round. 1911 June 3 ripe pods.

15 2
14 Corona Coronadii Nutt. subsp. Nuttallii
Collins 1911 June 5, Kingman Canon, on the road
from the Kenney Camp 1912 July 2 Crabtree. Corona
less than a quarter mile from the Mesa, some near
Zauschneria Garrettii Hemsl.

7 11
Chaetochloa 1912 In a field along an irrigation ditch
the mesa = Colored Cemetery

11
20 do glauca 1911 Cienega Pond in mud
open bank July 11/12 Chaetochloa if green but

7
7 15 do corallina 1911, June 5, Kenney Canon
small reddish

10 3
12 do viridis 1911 June 10 Kingman Canon Squaw
Chaetochloa bog + many places in Prescott.

7
15 21 do tortissima 1911 Old fruit of the
erect inflorescence in small reddish clumps
with regard to Subsessile. Head of the barley
on the lower limb at about five cents
Small Kenney Canon 1911 June 3 on the
point of Cienega 62 to flowers yet 93 +

1912 Jaupaw shardnemp. ejmd dud of it.

5 Sept. [illegible] Street a cluster of
Common Valley from 10 to Small Purple berries
noted at three places on Square 1½ Clusters in
Vail plants in Square by Harvard Road. Cin Poppies Growing
many of the Road telegraph wires of the North Eastern Electric
Connecting - 1912 July 2 x Some Flowers July 6 +
6 do. Open

3 do Groundsel 1912 July 1 many in flower
July 4, 10 +

3 do Nasturtiums 1912 Some in flower early
July 1 x - July 10 +

Calcitreus Leonhard 1911 June 2 - July 5

Acanthocrinus T.

do carolinensis

do Eucalyptocrinus

do platycrinites

do. Leonhardi 1911 June [illegible]
[illegible] on the Diamond road

Cincinnatocrinus Jeffersonensis, 1912 July 1st to 10th generally
[illegible] on Ferguson Hill Road

Vitis Labrusca 18th & Rockford on road
[illegible] T
[illegible] 1912 June 22nd July 11

2 H
2 Vitis aestivalis 26 ♂ 1912 July 11 Flat
in flower

3 [illegible]
15 [illegible] 15 Tiyard T
Leaves cordate, pubescent, and petiolate, very
[illegible] 1912 June 27, No open
flowers yet.

4 I
15 [illegible]

5 II
15 Vitis vulpina [illegible] 15 + 1911 June 3 + T

6 III
15 [illegible] 1911 [illegible] 1912 July 12 + at a number of roots
leaves about [illegible]

7 IV
15 Vitis [illegible], Squaw Pond, Little
Neck.

8 V
15 Vitis [illegible] Flat
Side of Flushing Pond, 1912 July 4 [illegible]

Acquisitions à déclarer 1912 Imprimés
Pamph. Music in water et Cabot a petit et vaut dep. de Sauvage
Lesby Lyst Chevreuil. Some small pieces taken out of the
Stamp and returned [illegible] Sub II one part [illegible] et
21 almanac Pont.

de Corporations 1ère [illegible]
Sept. 1912 June 29

de Periodiques 1911 [illegible]
avec Exp. Pamph 1912 Square Pour Mémoire

de Gravures

de Cartes

de Musique

de Manuscrits 1912 Sub 3 complet et
Sub 9 Stamp. Sub 9 complet Sub 2 plans et
Remainder Print

de Microcopies

15 2 Nauvoo pinetorum 1911 June 5 early
flower scarce, some just opening

27
15 " Pinus flexilis originated 1911 June 9
flowers very small.

Pinus parviflora

30
22 Pinus Mugo a tall many open prostr. of
Germany in bud 1912 June 5. of Pan. mounds, no sign
of buds July 2 scarce no flower buds. July 10 some
first flowers very Rare

30. 15th
15 do. canadensis + 19 typ. Hall in
full flower. The typical canadensis early Hall in
flower June 1911 June 3 the typ from
1912 N. Dakota also a few flowers June 30 also true
canadensis, some flowers

19
15 do, brachypoda 15 + 19 typ Hall and
9:2 June 29 Hall & of Nauvoo Park - quite a few, many low
scrub through the Park about fair grounds, Hall quite
generally Rare, flowers scarce. Scarce July 5 a few flowers
July 11 a few last flowers Polypods but generally out of
bloom.

15 Nelumbium speciosum Willd. Lotus. Seeds from Lake Biwa, Japan, 1911 June 4 & 7. 1912 June 29 20 flowers

15 do Tomentosum 15th T

1911 June 3 10 flowers out. 6 not quite coming into flower at the budding beach. The flowers grown most close to the ground around the edge of the tub. Plant finally died in 1912 June 29. 20 flowers. Leaf in color. Last flowers on the ocean front Vermont

20 do alba major Two flowers & [illegible]

20 do alba T

15 do nucifera Two buds.

15 do rosea 2nd T

Two flowers two pink, two white buds.

5 Viola pedata 1911 June 5. In flower still at last places. 3d Oct. 11th Many flowers in the Rimmert Lima Peninsula in the Pamunkey.

15 28 Viola de Bellevoeuse 1911 Sme 11 Kenfield
Post Phonestic; 7th do.

16 3 do offered

do cucullata.

4 16 30 do pinnatifida T

3 16 23 do adapta

4 17 28 do Garland Sanford June 3 + 1911 Sme
& some flowers still.

3 17 28 do Lanceolata 17 Sept in flower quite generally;
22nd some last flowers; 25th do 1911 Sme 3 + 10 + 15 T

17 Viola flavicaulis 1911 Aug 10 in fruit
Common enough 1911 June 15 Steel Mountains

do. affinis × pinetorum ?

13 Opuntia 1912 Aug 13 +, but many without flowers

17 Rosa woodsii 1911 June 7 in
plants just noticeable.

17 Epilobium latifolium 1912 July 10 in bud
2 reported elsewhere at the gulf on Isle Royale.

Rhexia virginica

17 Linaria palustris

15 28 Viola de pilicaccer. 1911 Sme 11. Leopoldy
fort flourishic; 9x do

16 3 do effluves

do cucullata.

4
16 30 do fimbriatula. T

3 16 24 do odorata

4 17 28 do pedata Hepatica Sme 34 1911 Sme
8 some flowers still

3 17 31 do lanceolata 17 Still in flower quite plenty
2 ? Some still flower; 25 th do 1911 Sme 34 10 + 15

12 Viola pinnata L. 1911 Aug 15 Steel Mountain.
Common enough

do. affinis × pinnata ?

13 Viola ---------- 1912 Cadillac.
July 13 +, but many vestigial flowers.

14 Viola sororia Willd. 1911 June 6 T
Plants just noticeable.

15 Viola pallens (Banks) Brainerd 1912 July 10 Iron Bend
= Viola renifolia Gray
Separate sheets at the gut in glue plants.

Rhexia virginica

17 Sarracenia purpurea T

1912 C in localities soil at the Fills, Pond, Cranberry bogs, generally just in proper habit. Sometimes swamps x along Railroads. Some Alnus swamps. Also in Square at Fish Pond Woods.

19 Lechea villosa Ell.

1 [illegible]

11 Crotalaria sagittalis L. June
1911 C
June 5 in Triangle Park, Hale's Woods, Pine Woods, Cranberry C. Polypus, Dominicus
12 - June 5 x Scrub Swamps, edge plant; others with bulb

3 27
15 Lupinus perennis L. 1912 June 27 plants
flowering Scrub & x, generally just in flower a few days
later

16 do. pubescens

17 do. villosa 1912 June 27 plants up & in. high.

1 do. Nuttallianus In sand in June 16
Dominicus -

1 28
12 do. Calycosus, 1912 June 28, Scrub with bulb

17 1 do. diffusus 1911 June 12, Cranberry

Rosa palustris Sept 26 [illegible]
Cornus ~~stricta~~ [illegible] on
Rhamnus [illegible] of a number of scattered plants no flowers
left & Sept seeds on some plants Sept 26 [illegible]
Rhamnus [illegible] seeds ripe

do Oakland

do Fremont 1912 July 8. Fremont Bluffs

do Mountain 1912 July 8. T

do Lagunitas

Sorbus [illegible] Sept 15 below the Cliff
Cliffs [illegible] Sept 1911 June 9 below
Sorbus near the gatehouse June 1912 Mountain Portal
Rosa gymnocarpa Point Reyes July 11 + 12

Linaria Cutleriana 1912 July 4 ×

Sempervivum patulum Cambess
1912 July 2 ×

Phyteuma hemisphaericum

Trifolium medium

Epilobium anagallidifolium, 1911 June 4 ×
leaves & in seed & fruit Cambridge 1912 June 27 leaves

Linaria Pseudolaxiflora

Linaria Maroccana July 4 ×

Linaria elatine June 3 leaves ×
Cambridge 1912 July 11 one plant ×

Cecilia mendota

[illegible] 1912 June 20 [illegible]

Philemonium speciosissimum 1911 June 5 plants very small

[illegible] 1911 June 11 a single small thorny cactus plant, but no flower buds open! 1912 June 20th

Lithospermum scabrum 1912 Bodyguard Pond one tuft.

Patricia Patricia [illegible] 1911 do 1912 June 28 [illegible]

Nierembergia hastata [illegible] T
1911 June 7 & 9th abundant showy flowers 1912 June 29 open last flowers.

[illegible] T
1912 June 27 a few plants with one flower each. others in bud & flower a few days later

Cornus canadensis

one group in Black Birch woods

[illegible] T
1911 In Lyman a group of specimens in bloom, the largest has 10 [illegible] 1912 Are locally in Lyman, also near Goshen.

Coelebogyne ilicifolia 1912 Bay Lane Inlet
Common scattered
Groups of tall plants in flower & bulb-bearing fruit some over 4 ft.
also single ovulary plants - all of these distant away from the main
upon the bank. In tall place, Heracleum spp. now in mostly all brisk
Corynocarpus laevigata 1911 Many on several clusters
at Opawa Road but have been cut back
1912 Bulbs 10 inches plants at Opawa Road all dense masses very
floriferous.

Cy Stokesiana 1911 Some old fruiting bulbs
Trees - open are found in the scattered clusters

Hydrocotyle 20 T
Hydrocotyle asiatica 1911 June 8 Rapaki Bank on the point of flowering
but in native cultivation. 1912 June 29 Some in Coelogyne Bank 3 ft. P.

Clematis paniculata 1912 June 29 Small Pale
plants Only in Shelter, pen Bank

Pittosporum tenuifolium 23d T
Pittosporum tenuifolium - Queens Domain 15 Plants of
these under 1912 June 29, white flower buds. July 24

Ao chlorantha
1911 June 3 Bulb only one cluster bet/ Stable & W. summit track
not 2 miles from Tram 14 C bet W summit & Stable tracks
Poor flowering or with some dry old flower buds.
1912 July 9 Many under open Pine
Grass in flower

Ao unidentified Rocky Point Bay in fruit
1. 9 1912 July 9 a group
of tall plants just in full flower.

5

Leontopodium 1911 Bennet Fen

Nyctaginia 1911 Bennet Fen

Azalea viscosa, 17. first flower in pot
Cupid from 23 d Leaf buds in flower bud
cliff to me with flowers with long
tube Plant Lamb, some late did after 1911
Plant Lamb & made plentiful
1912 June 27 some in full flower but most in bud
July 10 generally in full flower
" glauca 1912 frequent & fully typical in Scotland
Forth Devon. also, Pickard, Jump warden

Lo. nitida 1912 Tom Rowe on bush, Jul
drawn frequent

Kalmia angustifolia f. 2 2 f
1911 June 6 Ingram on plant 15 pots
1912 June 2 & July 3 plant in flower.

T

Rhododendron 1911 Bay C. a characteristic
Sil & Leonard Mill about the borders of Low Fields and
Parsonage, Plant & Clitheroe 1912 July 1 & July 4 & 10 very
C. generally & in full flower

1912 John Appleton tells me that last year the two [illegible] near the Bar ground were nearly destroyed by [illegible] in order to protect it from obstruction he transplanted it to its [illegible] where it now has some signs of life.

18 Myriophyllum [illegible] coast fruit T
1911 June 5 + 1912 July 14 Fruit [illegible]

19 do [illegible] 20 st Flowering 1911 June 16 + [illegible]
1912 July 4. some [illegible]

20 do. dense [illegible] 22nd Emerged cranberry bog + T
1911 Cat Isl 6. 1912 Lake 2 + 4 [illegible] Pond +

15 [illegible] 15th T
1912, July 4, first [illegible]

17 do. [illegible]

13 [illegible]
[illegible] 1912 [illegible] in [illegible]
profusion near 3rd Point on coastline - much [illegible] long
[illegible] dark blackish blue [illegible] [illegible]
[illegible] [illegible]

20 [illegible] 1912, July 11, some ripe fruit

4 2 T
63 Vaccinium pennsylvanicum 1911 June 3 flo
in flower 93 + 1912 July 3 fruit ripe fruit.

1912 Quite common in dried boggy
do Hedgerow Herb in Jamaica known locally 'Sweet
Fruit with Cassandra, Sapindaceae drawn specimen
Pennsylvanicum, Wrongly nigra etc. green fruit (Jamaica!)

5 28 T
23 do Vaccinium 23. Red Sour Green 1911 June

15
Rhizogonium Spiniferum 1911 Rocky ... on
Upper part of ... on stone in fruit

9 6-love
Physcomitrium Obtusum 1911 June 9. x Jamaica
1912 Sandside Road Aug 6-8

3 27 15
15 do Pleurocarpous + T
1912 June 27 + July 5 +

8 1
Dicranella Heteromalla 1911 June 8 Sandy
Bank Roadside 1912 July 1 x Roadside.

3 13
16 Lysimachia vulgaris Ro flowers pd 26th

5 27
17 do. quadrifolia 26th x 1912 June 27 x T

4 27
15 do. terrestris 23d x 1912 June 27 x T

5 28
18 do. Nummularia 18th x 1911 June 3 Ro flowers by
railroad. Rasle Lot in town. 1912 June 28 +

6 1
19 Lysimachia ciliata, Section Chelidonia
Ro flowers, Rattlesnake Bank + x Square Cir Pd
1911 June 8

20 27
Lysimachia quadrifolia Square Bordy Rattlesnake
Cairn for Rodgers pd 22d 1911 June 13 x
1912 June 30 +

7 7b

Rejoicing Feel ... 1912 Boundaries
Centre Stems buds lower tipped

4 3b

15 Regimen ... 1911 June 5 Shell in fruit
fresh blossom 8 do, 12 June/Lower Shell.

14 Hyalinia ...

3 3b

12 do Aberdeen, 1911 June 3, Covered with cluster
of young leaves fresh 1912 Many of the new upper
old buds have winter Rickets on the root side upper
internodes - Leaves, new forcibled Trees are flowering strongly.

7 Lycidas ... 1912 June 2? plants up to
3 inches high.

11

10 Acabola ... plants up to 2 ft.
Buds dormant found only just at the base
dormanced. Very many dead plants, 2-3 inches high

14

Lucretia ..., 1912 June 27, plants
up 6 3 in. high

do. lanceolata

Utricularia.

3 Myriophyllum heterophyllum. Dry C. on Little Hunt
Col 22 d. to flower. Rd round of F at Mackays Pd.
at Pownal O. Among not visible emplant covered by
Acacia dealbata Colonial probably. The branching around the spike
is characteristic. Vaughan 7 Feb. 1911 Same to flowers at
Mackays Pond.
4 1911 C. along ditch in Hawthorn swamp Feb 22
173 Kept a out flowering specimen T
6
Ry 7 Almanac Pond 1912 July 6 & Raywinton
1912 July 6 & Almanac Pond - July 10. Rd quite in flower in
pond Nr. of Copaiam Pd.

2 Ophioglossum vulgatum, Three
met with fully developed plants at Squam Nr. Feb
1912 A single typical flowering plant Penguin July 11 Dr
full flower Wanstead. Seen only about one metre.

H
20
Lo Common Squam Small
Squam - 1912 July 4 x Squam. July 6 Wanstead. Seen
while flowered from x July 11. & Yellow flowers com.
by bank via near Eastern

11
20
Lo Ranunculus Squam, Nov. Copies.

Do. Lefroy 1912 June 29. Launceston
Launceston; Sorrel. Island View farm; Squam
Watts Run & Nearly district.

2a Lycopodium inundatum T

b do. medium

2a do. hyperboreum 1912 Jean d'Eau Pond. July 2 x.

Selaginella Selaginoides

4 27 c do. Selaginoides 1912 July 5. Pond Lands. July 10 x Hedysarum. Lycopodium Pond.

3 15 d do. dendroidea 15th 2 x T 1912 June 29 x July 10. In close association with Hedysarum and on edge of Lycopodium Pond, also very abundant on Hills Town.

e do. apoda Eaten away in part in Aug 1912 from a Lunch Room at the Eastern, July 11 +

17 f do. rupestris 1912 T 1912 June 30. no flower buds open July 9 x

12 Aristolochia serpentaria. Upon Rock

Senna Surinamensis

b 27.
15 Convolvulus Jamaicensis × 15d 7
1912 June 27 +

do. Septuncialis

14 27.
19 [illegible] 1912
Above Senna and Aristolochia Serpentaria, July 6 × About all now Senna Jamaicensis.

10 Convolvulus Scoparius - Upon Rock and Sandy Soil upon Limestone only.

12 Polygonum maritimum

On sandy soil between tide marks only.

4 M
12 Myosotis palustris 1½ f. 22° temperature
1911 June 4 after very small plants. 1912 June 28. after flowering.

Ivy Veronica. × On plant in moist shaded shelter upon limestone.

Agrophyllum asperrimum 1912 June 2nd, Hall in [illegible]
July 6 [illegible] pennis lgt.

2nd

[illegible] 1912 June 29 + 800
[illegible] Pocoma Hall in fruit June 28.
Eastbourne Rd. Squam July 4 + many on pond beds.
July 11. Pocoma Hall in fruit June 28.

19 Eclipsis unifoveata 19th + 1912 June 28 +
July 12 +

[illegible] July 9/12 In fruit
fruit by Chidden yard [illegible]

Volborthia hadala 1911. Small plant in
bed found N. of the town 1912 Croydon July 10 + adequate

19 26 Agrilus [illegible] 1912 July 11 To flower
buds yet

do occidentale

[illegible]

19 [illegible]

7 [illegible] 22nd June End of
place Epsom, & Pleasantdale Road
1911. [illegible] Pocoma Pt. 1912 June 28 + C. at
Stoneham - Meadowmere + July 2 - Thornton-
[illegible] July 9 + [illegible]

3 24
Maxwellia gracilis. Nonomey. Very abundant by the path accessward by Shell Valley. 1912 June 29 4 feet flower. Lady 9 one left Rodgers and Mrs. Rabbit ears bean

5 23
16 Nemesia [illegible] 1/2 diam. 1/2 [illegible] 1912 June 29. dump N. y town. no flowers yet. July 6 Nemesia farm yard July 6

3 24
Gilia [illegible] 1911. N. of the [illegible] June 9 4. 11 4 col bud of "[illegible]"

Linanthus [illegible]. Left 3 [illegible]

15 Linanthus pungens. [illegible] 1911 June 9. first flowers of one plant 1912 June 27 [illegible] in some places.

3 24
15 Leptodactylon [illegible] 1912 June 25 4 [illegible]

3 24
15 Gilia [illegible] 1911 June 3 4 [illegible]

[illegible]

[illegible]

7 Melissa officinalis.

4 1
12 Mentha piperita, Lines row near Grandchildren

9
do. seedlings 1912 July 9 Leaves thin & long
thicker, rather broad, large & the ones with
leaves but no flower buds.

9 3
17 do. Cuttings 1912 July 10 leaves only

Spiraea Prunifolia Sept 28 1912
Seedlings in row near Shed

Physalis Alkekengi

22
12 Solanum nigrum. Plants very small
12 x 8 Seedlings in row

T

1 do. 1912 July 9 leaves; July 10 +
Root Pi wood.

27
15 do. Seedlings 12 - 13 from Oct 1912 leaves
Celery chicken. Manuring Bog hole near Round Pond &
manure & peats in the front Row.

3 15 27 Lycium vulgare. Of Salmon flower obt.
1911 June 5 +

Solanum Stramonium 1912 July 2 a few small
plants scarcer below the bluff

do. tuberosum

4 28 7
Verbascum Thapsus. Expansion 2½ d.
Flow on first time. 1912 June 28 v. frequent +
not developed but remain abundant.

do. phlomoides

do. Blattaria

5 29
Linum Catharticum [illegible]
1912 June 29 + & July 12 +

4 17 15th
Silene Canadensis + 1911 June 4 ± T
1912 June 27 + July 14 Some still dried up after rainy
June then in flower

Solidago

Linaria linaria 1912 July 11 2 and colony in flower on roadside road from Pokemouche road.

Aconitum Lycoctonum very much [illegible] under a roof [illegible]
1911 June 9 a good many scattered plants in thicket of low growth right side of road in quarries. Leaves very young
1912 a vigorous group of ca 15 stems in full flower July 5 side of Miscouche Pond.
Aconitum [illegible] 1911 plants mostly less than 1 m high

Hypericum Ascyron

Hypericum perforatum 1912 July 5. Miscouche Common Cody.

Hypericum virginicum 1911 June 4 + 5th.

15th almost in full flower
do. 2 specimens + Growing densely in grassy border of Bernard Nowe's field in Elmira. Rare. Not elsewhere seen. 7th still in flower. Not seen flowering

Lysimachia ciliata

Recorded Kew Lucca — 1911 June 3. Last gen stems + dried pods

D. papaveracea

D. maculosa

D. Rhœadiana

12 D. Pseudocistus communis 1911 June 11 Ipsum Hill Top Lucca 1912 Jan. June T

15. 2 D. Pseudocistus (Pseudocistus communis) Nicotiana T
Hill Top Lucca 24 Jan. Kew 4 1912 July 2 C.
Leaves of Jan. June Ipsum full flower July 11 C. in the
Jan. 4

16 24
18. D. Altocalcica vulgaris 18 1912 July 24
Rodeyo Pond-pool on clay Kew.

D. clandestina

D. maculosa. Lucca Jan. June 4 a pod bel.

Utricularia subulata July 6x Saskatchewan Swamp

Thalictrum occidentale

11 Catalpa catalpa 1912 Aug 4 Young tree
about 3ft high among Rhamnus and trees

3 6
15 Plantago major

3 21
16 do Rugelii

3 21
14 do Patagonica T

3 21
15 do lanceolata T

2
18 do major

2 1
20 do Patagonica one plant in N. North
yard - 1912 July 14 dug with Rhamnus.

34 24
15 Nocturna communia 15ª 1912 Junii 29, T.
Sine Pleno typ. Cum 2 numeris plenis non secundis
Indy 13 Feb. Com. Primo

Matutinum

35 25
15 Cathedra S. Petri Occidentalis 1911 Junii
Festum cum octavo 1912 Indy 14 Primum Nocturnum cum festo
de Vigilia Indy 11 prima classis Primo loco

36 26
15 Sedens Indy ad Missam ita
Missa cum ij Orationibus et Symbolum
Fides
Caetera Festiva, Gloria Credo
Prefatio 1912 Festum duplex Classis

37 27
19 do de Cruce, Nocturni ut dicitur in Festo
Duplex + Non Festum sine Tractu T
1912 Junii 28, sine gaudio

14
17 do. Innocentium

38 28
18 do. Martyrum 182 1912 Junii 29. T

39 29 1
do. Indulgentiae 1911 Rem Apostolicam pl. 8 ct.
e in 11 ea Dominica mensis. Festum duplex primae classis
Indy 14

40 30
do.

Galeruca tibialis. A large luxuriant patch in waste ground - 27 mile range

27

15 Lambeth cemetery 17- not yet in flower

1911 very few in sticks, 1912 June 30 whites open but no open flowers. July 4 July 10 very few in sticks or dry sticks, none with open flowers

4 30

15 Wallington 22 in full flower in Protestant cemetery a little within the entrance in which the trees are still there, 1912 July 10, good light green fruit & no flowers, generally left.

4 30.

20 do. Mitcham 1912 June 30 One just in flower, a many buds & a few flowers. July 4 generally in full flower, Square Pansy. July 13 Nearly over Coriander flower. No fruit left of the dentatum since Oct. to be much less common

1

19 Triosteum perfoliatum. A single plant only 9 stems on the top of the mound where planted by the meeting place. One ancient stem in deepest shade not of the flowers were left yellow. 1911 June 4 small two flower buds

15 Wallington Cemetery, Three tons, with flowers

27 Young berries just ripe 1912 June 27 +

24

19 Lonicera tatarica

18 Leaves appeared. Fl. in Oct. 1911 Nov. 1912 Nov. in Polyanthus yard

15 Lecture considered T

do hesitate

15 Necessitous manoeuvre 15th x 1911 June 9.
Lower just topping to [illegible] 12 June 23 +x
do [illegible] T

do [illegible] 12 June 29 T

do Consideration 1912 June 29 blank afford T 12.

Lecture deposition.

do Exposition T

Ambrosia artemisiifolia

Ambrosia trifida

Xanthium canadense, Plot one

1911 June 3, plant very small

Euphorbia corollata

Asclepias tuberosa

21 Lupinaster pendulifolius
simple foliage 2 ft high, pea flowers
1912 July 11 to almost a cluster of plants showing small
clear flowers
L. pendulifolius

15 L. confoliatus

L. aromaticus

L. Willenbacy a candens

20 L. pinnatus seen in July 11/12 a few with
buds

15 L. Chamissonis palmatus 2nd simple T
flowers on the whole pea flowers, bea d
pale yellow flowers 1912 July 8. two first flowers,
July 9 flowers at right places 10 quite generally showing earliest flowers
L. palmatus bicolor

13 Soldiers buried T

24

15 do Lieutenant A.L. Arbuckle T
in full flower! He was very much shocked & felt powerful
depressed some injury in the upper trunk about groin.
Sept. 25th 1915. Also in Bulgarian trenches or opposite on high ground
away from the sea

14 do. Officer T

24

24 do. Negroes

24

20 do Mohammedans

24

25 do. Calendicaria July 14, Juncus & small grass
buds. Eaten by Soldiers therapeutic uses & references

17 do. Edentata Sept 5th +

do. Asphodelus

Solidago multiflora

D. juncea

19 D. graveolens T

15 D. angustifolia T
[illegible] Type or ends

18 D. [illegible] grandiflora 1912 C in
[illegible] Sep 25-27, 1915. C
[illegible] [illegible] [illegible] [illegible] [illegible]

15 D. canadensis Sep 25-27 1915 nearly past T

18 D. [illegible] 1912 June 30,
small flower heads. July 11 very few flowers

15 D. altissima Sept 2 very few flowers T

Ordre Corinthien entablement orné en 1802

5	20	Astragale ondulatif	T
18	19	do. Astragale	T
30	37	do. Nouei-Delphi	T
17	18	do. Pedestal	
		do. Elodes	
		do. Pavés-Delphi Pavement	
5	36	do. Plinthe	T
18	21	do. Dimensions	T
		do.	

Ordo Principes

1 Fam. Latifloreae

Sp.

2 Fam. Lanceifloreae Sp. Lanceifloreae Sp.
Lond. - Iqu. Thicket on Iquam

Sp. unicineae

3 = 20 Sp. multifloreae

Sp. tunicifoliae

Sp. subcordatae

9 Erigeron philadelphicus. 1911 June 9 + June
the Hot near the Store. 1912 July 8. Poorme, near account

5 27

15 do Rosinante d. 23d Large buds. 25th + (1912
(June 27 + a scattering) fronts in position & of four heads
(Some all dried up = to summer.)

26 do Annuus 26th + a single cluster on
Glenn - Days white (1912 June 28 + generally. South
Helen. South generally C. South side + everywhere. No Rays -
less flowers even = 6 rib-florets. Sep 26/15. Clusters of 6 or
3 plants in a farm in Lyons Farm.

15 Lepidium campestre.
do pinnatum Sep. 26-27, 1915. C. Thickly scattered

2 11 Pellaea ternifolia. Plant near
that Lyons only 1912 July 11. Hamilton, Mount

3 22 Spiraea lineariloba 1912 July 5.
12 two flowers (Lyons) 20 other flowers to July 14

12 13 Baccharis halimifolia 1911 June 12.
Hamilton on Canal by. 1912 Some good bushes on
Co drive

10 Plantago Cumbricata 1911 June 7. last
+ more than 4 inches
from the Cemetery + field path. Compared only
by color. 1912 July 9 very small plant

12 Dictyonema recedens

41 22 Do n. sp. Plotation of Trail side
Loop Road 1911 Quarries. N of the town, Ithaca

10 Do fistulosum 1912 July 10, basal beds
at original locality

15 Do Monograptus priodon 15th zone Lud. T.

29 Do. n. sp. Dec. 1911 June 5 at the intersection
of the town clay & top of clark with
M. planus & M. priodon where I found it two years
ago. Now found by Prof. Dr. Ruedemann
7th Cast at Cayuga Creek 1912 June 29 all drift sp.
sp. 27, 28 Rhinestreet to Lower of the Genesee
Upper Delaware Creek

15 Cut & baled Meadow Grass 1912 July 11.
Very much overgrown from want of cutting
Yield 4 tons 2 cwt 3 qrs from 2 acres 1 rood 28 poles
in three groups.

16 Cut Meadow Grass 1912 July 11.
Plain

17 Cut & baled Meadow Grass from
Field x Lot 5 Group contains 2 a x 1912 June 27 +
2 a damp roadside &c. of Corn, Skinner Pond, Meadow
& Lucketts Pond.

18 Cut Corn Grass July 9/12 Scattered Hedges.
Grass Ponds & Roads, plants small but in full flower

19 Grass Notes 1911. June 11 Open Grass
well forward but of no Consequence

20 Roadside Cuts 26th x Hay cut June
1912 June 27 x Rakes &c.

21 Meadow Grass cut 1912 June 28
Very short Grass

Dy. Dec Summary

Heuchera divaricata Gray
Gronsek.

H

do Strawberry Creek, Spring Apr June 8, Lower
near Abrams Point.

15 do - tuberosa Arroyo Cot near in
Arroyo here at it's Segment.
7/26 Willowcreek T

7 Sidalcea Oregana, Dry Soil pasture -
Cord Road from Upper Gate

11 do frondosa -

6 do virgata

Galium parviflora
Whitneyi Hay Fork Lumpy Fork = hillsides

3 T
15 Orthilia umbellata 1911 June 3-10
Specimens in flower 16 to 20 ± only
nearly in flower. 1st found flower at May creek June 3-
Got 1st ripe fruit June 27 1912 + fresh
rock about 1 deep Lower Gronsek - & Patrick Creek -

Lychnis Lowiana & Plum tomato
Madagascar Port

16 Antirrhinum orontium 18 in. plumes. do of
flowers related if to 2nd 1912 June 22 x
generally & all town & many distant places July 22 of

15 Clytostoma Lowe, Tenerife 15th T

16 do. Antirrhinum occidentale in bud
June 27/12. of bud - yesterd. 18 cm. Plumes
29th x smaller brighter yellow flies & heads very clear in
cultivation & those by closed sides.

17 do. Valdemosa July 21 the two original
stations 1911 do. standing at the old house each top in
bottom. One station by blue side N. of the tower

16 Lonicera nitida. Bush type x Lowe T

15 Petunia violacea 27. in flower
buds yet 1912 July 13. very few buds, one shoot in flower

17 do Antirrhinum 1911 July 21 over by
Steel side.

Ranunculus bicornis, one plant of last, [illegible]
in the sand on the bank of the river - small bulbs

15 do. stellariana. 1911 June 7. Cape
One of his roots yet open. 1912 June 27, some flowers
still but generally past flowering July 11. open plants stalk
& flowers

do. vulgaris

Erechtites hieracifolia. Plants only
[illegible] 1912 June 27 [illegible]

Senecio vulgaris + 1911 June 4 + fr.
1912 June 27 + O

Oxalis [illegible] 1912 [illegible]
flower buds yet

do. [illegible]

1911 1912

June	3	225				
	4	180				
	5	55				
	6	14				
	7	17				
	8	32				
				2	48	
				3	22	1
				4	12	
					3	
				6	14	1
					7	
				8	20	
				9	21	
				10	15	2
				11	20	2
				12 noon	5	1
				1	10	
				1½	11	
					704	16

1912:
Sheets collected for 50 ½
incl. Panicum 40 ½

Jan 10 + Record of mounted specimens received from Mrs. M. Bolgiano for identification & reduced to list.

Hypnum cupressiforme June 29 1895 ft. & fr.
fertile. Good typical mountain plant
Thuidium tamariscinum Aug 1896 + ft.
Mrs M. Goddard
Cirriphyllum cirrosum Aug 1899. Border of dotted
& fine flowers and many developing
sporogonia. 6.5 dia. sp.
Amblystegium riparium Aug 31, 97 "fields"
& fine plane spec. Perfectly typical
Pylaisia polyantha Aug 31, 97. fr.
acid in garden
Hypnum cupressiforme Sep 1897 & label
Mrs. Cora Howes
Mrs. Howes
Hypnum reptile Aug 19 1895 + Mrs
Goddard "Dense dark
dark green, low creeping tufts, stems &
& leaves all over typical
examples. Fertile, abundant fruit.
Hypnum cupressiforme Aug 1895 + 2 ft. wet
Mrs. Goddard typical
Hypnum cupressiforme. Oct 2/02 "Most plenty
Aug 25/02. "Rubicund" + ft. fine fruit

Birds Seen in Kennett County, Mo.

1 Robin 1st Sept
2 Catbird "
3 Brown Thrasher 1
4 Carolina Wren C
5 Long Spurred C Sept
6 Indiana Spurred C
7 Meadow Lark R
8 Red Winged Blackbird C Sept
9 Blue Jay a few pairs
10 Common Crow C
11 Herring Gull 1
12 Kingbird 1

Included 1912 -
Scarlet tailed Cuckoo - July 13 a flock of 5
seen on Center -
Total number of birds seen 150, 35 -

Included Sept 25/15 Bonaparte Gull (1)

near the Nauticus. Length from bill to tip 18", wing 12"; tail broadly graduated 11 1/2", tarsus about 2 1/4", bill from base of cere 1 9/16"; middle toe & claw nearly 3". Black above, slaty black beneath, the feathers clearly gray with blackish tips; lining of wings showing some white.

June 11

33 Parus atricapillus. Pine 6 of the season 1912 Two one [illegible] of [illegible] ground.

June 12.

34 Picoides arcticus. 1912 Two one in square.

35 Rail. The first [illegible] 7 or June 7 1912 Two one

June 17 Cuckoos:

36 Hermit Thrush. One seen during June 1912 The seen [illegible] from the boat on the way to Old Bridge.

37 Blue Jay. Several heard calling & seen in the old woods

38 Cedar Waxwing. 1912 To [illegible] Total number of birds seen 1912. 35 including 3 on [illegible]

June 10

10 Black Necks. One was a brownish with a broad neck. Some at Cotton Pond. Caught two young which were dissipated beneath the water at the edge of the pond. Spotted over 10 minutes & saw nearly three of them, 1912 then a few times; evidently breeding. Still with young today.

10 Gulls. Several were in Agawam River in Pattagansett 1912 Heard one.

June 11

11 Wood Ibis. Last reliable note 1912 Not seen, but on account of a recent Wood Ibis found

June 12

31 Upland Plover. While driving through Niantic one alighted on a fence post beside Hoffding & Smith's Chestnut Hill Cemetery note prior to June 1912. Nesting on the plains near the Niantic River bridge.

32 Piping Plover. One or two only in the vicinity of Camp Cosmos on Cedar Isle 13 miles S.E. of

Sooty Shearwater Picked upon on the beach at Pawcatuck which could not have been dead longer than a few days. It is the only bird I have seen on the coast. June 3rd. Never by sea

22 Birds observed, singing in the Park on March 1912 they not heard till July 12 after the first rain since May 30.

---

23 Owls, one flying over the Water 12 June 12 a pair by the cliff 2 Jan. 1912 two last times in the town

June 5

24 Goatsucker heard C. singing 1912 C

25. Shrill eared Bat one darted from a dense bramble thicket near midday June 10, 2 in afternoon 1912. Saw perhaps a dozen in all

June 6

26 Polecat ferret one killed in Cliff one March 1912 family common

June

27 Rabbit One run Augusti 1912 two on Cliffs 10 June 1912 Feeding Pond

16 Polyle reporia 1 at Red Pond. Common Red Polypi. 1912 A good many seen along the left from Hamilton to Rockaway

17 Lepidia graminea not observed to Hackensack C 1912 C

18 Passerculus savanna One heard on Hummock S. of Hackensack Pond C 1912 C

19 Cistothorus [illegible] frequent 1912 C

20 Cred., Sat - Hummock Pond Pines C 1912 C. And flocks of 50 more or less -

21 Cardinalis - One heard near the Thorn bot. - two or three complete song notes followed by a series of 6 or 7 slow single notes June 6, one heard below the Cliffs - a rattled series of perhaps notes followed a slow series of disconnected 500 notes 1912 Cardinalis not heard after June 25 day the Blackbirds on Sept 2 a female birded not seen since Sept 1 (Identification each only on the song

10 Barn Swallow. C. Empty nests 1912 C.

11 Catbird, C. A characteristic bird of the thickets west Leeds by first Treetop 1912 Scarcely C. this year

12 Spotted Sandpiper. 1 pair in the Park. 1912. Not seen.

13 Cedar Waxwing. One passed overhead Nov 11 - 1 flock in the Town, not seen elsewhere. 1912. 1 flock in the Town.

Jan 11.

14. Red-eyed Vireo. C. frequent along roadsides. 1912, Common, more so than last year

15. White-eyed Vireo, Vic. Abundant Notes Heard Nowhere - Rather C. - 1912 quite C.

Log in the ways which I have plainly in the bird flight

4 Agelaius gubernator - a pair on the Inglewater - Common especially on the Lake 1912 Not as C in last year.

5 Sterna fluviatilis - on the harbour - another a few days later. 1912 Common

6 Robins C. Laying 1912 C.

7 Song Sparrows C. a nest with eggs June 3 Many C. a number of nests with young found. 1912 C.

8 Red winged Blackbird C. Many C. Laying 1912 C

9 Meadow Lark C. 1912 Present

Birds -

Auckland 1911 June 3 to 17
" 1912 June 27 " July 14 -

Puffinus Griseus Gmelin

A large black looking bird was seen from the boat about 2-3 miles off Shore - At first I thought it some kind of object floating on the water ahead in the course of the boat. It rose rather heavily from the water appearing for a moment like a black sea duck but at once I saw that it was a bird I had never seen before. Its wings were much longer than a ducks and its flight a short series of rapid slow flaps. Then a short sail which alternated regularly until it alighted again on the water. Its flight directly away from the vessel and after sailing its outstretched wings described a marked downward curve at right angles with its body. Oddly could it have been (a booty the gannet! see note under date of June 14)

Sterna Fuscata C. 1912, much less common than last year in the first part of June

Larus atricilla C. 1912 also less C. than last year.

June 1910.

21st Heard cuckoo [illegible] Saw some [illegible] Hares near the house after 5 p.m.

23d Heard corncrake [illegible] Saw [illegible] about 2 miles out on the old Dunster road; 25 Heard it [illegible] 7 near Luckett

27th Visited [illegible] A pair on the grounds of an unoccupied summer cottage on the Horn near the bathing beach evidently with young near by. The action of the birds indicates that the young were hidden in the rank growth of beach grass and other plants which massed up against a fence along one side of the place. The birds utter[illegible] loud cries of concern & frequently dashed close to my head; once one actually struck my hat as I was leaving over standing in the grass. I did not find the nest in the few minutes I had [illegible] but I saw two young birds in a dense mass of vines which clambered along one side of the fence. As I was leaving I called by the medical boat I could give only a part time to the search.

16. Dandrocea aculeata Fragaria

17. Pyrola asplenifolium Fragaria.

18. Malaxis alba. Sun orchis

19. Poa

Very fine. Just dentally in color
Color. Very pale green, with dark
[illegible] very fine. You do make
make the record.

20. Alnus incana? I'm almost sure
it is very near Spring over from now
Fragaria. It make a flight to the
distance

18 Polyplax annulatus. Frequent.

" Pediculus capitis [illegible] one seen on the penis
— [illegible]

" Pediculus vestimenti sometimes seen about [illegible]
south of the Equator, Lap. 26/15 one

" Pediculus humanus frequent on C—

" Acilius [illegible] last times down stroke
[illegible] at the edge of the
Lava. Lap. 21. Newly hatched young bird among the
dead ones in the last [illegible] Lap. 26. It
could not fly & [illegible]

19 [illegible] — I [illegible]

1) Pachygonetta breviceps C.

" Colpoda Ehrenb. Two or three Times

" Cercyle oblonga Ehrenb. Found

" Cercus Concrescens C

" Petalonas subfuscus Two seen

" Spirostomum Found three times

" Spirilla denticulata One seen by Mr Cockerell about a mile and from Cooperstown
It was in the telegraph wire 7 the two I
noticed on the Hunt. The Spirostomum
Ambiguum

Semmella magna C

15 Melopepo melolea C

16 Cucumis sativus Frequent in the Town

17 Cucumis turgidus C.

" Cucurbita quinquefida Frequent.

" Cucurbita pepo C.

" Cucurbita verrucosa C

" Cucurbita Lagenaria Cultivated.

Birds:

Nantucket. June 15-27, 1910

total 36

15 Larus atricilla Common

" Sterna hirundo C

" Nycticorax grisea Frequent.

" Agelaius phoeniceus Perhaps the commonest bird

" Turdus migratorius C

" Galeoscoptes carolinensis Frequent.

" Geothlypis trichas C

" Mimus erythrostra C

1400

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